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HAVERFORD COLLEGE DIRECTORY

1922-1923

HAVERFORD COLLEGE BULLETIN

Vol. XXI

OCTOBER, 1922

No. 1

Entered December 10, 1902, at Haverford, Pa., as Second Class Matter under Act of Congress of July 16, 1894.

Accepted for mailing at special rate of postage provided for in Section 1103. Act of October 3, 1917, authorized on July 3, 1918.

STUDENTS IN THE COLLEGE

In the last column is given the number of the student's dormitory room; Bn is an abbreviation for Barclay Hall, North; Bc, for Barclay Hall, Centre; Bs, for Barclay Hall, South; F, for Founders Hall; L, for Lloyd Hall; M, for Merion Hall; D, for day student.

GRADUATE STUDENTS


Name	Home Address	College Address
Atkinson, Robert	312 Gowen Ave., Mt. Airy, Pa.	D
Haines, Hartley Stokes	566 Columbia Ave., Millville, N. J.	Fe
Sagebeer, Richard Grafflin	Berwyn, Pa.	18 Bs

SENIOR CLASS

Allen, Russel Greene, Jr.	Cornwall-on-Hudson, N. Y.	13 Bs
Arrowsmith, Noel Stryker	496 Park Ave., Orange, N. J.	16 L
Bacon, William Warder, Jr.	162 Queen Lane, Gtn., Pa.	13 Bs
Borton, John Carter	Moorestown, N. J.	16 Bs
Brown, Henry Tatnall, Jr.	Moorestown, N. J.	15 Bs
Buck, Addison, Steward	82 Main St., Hempstead, L. I., N. Y.	44 Bc
Carpenter, Horace Walton	3755 Lindell Boulevard, St. Louis, Mo.	7 F
Dennett, Carleton	350 W. 55th St., New York, N. Y.	28 Bc
Farrar, Hal Gordon	1434 Tremont Place, Denver, Col.	22 L
Flint, Frank Plumley	58 Bradford Ave., Crafton Station, Pittsburgh, Pa.	43 Bc
Fry, Gilbert Crawford	4612 Chester Ave., Philadelphia, Pa.	44 Bc
Grimes, George Randle	333 Vassar Ave., Swarthmore, Pa.	15 F
Hamilton, William Henry	4835 California St., Omaha, Neb.	12 Bs
Haviland, Edward Kenneth	Port Deposit, Md.	4 M
Heyer, Charles Dixon	High and Ridgway Sts., Mt. Holly, N. J.	14 Bs
Heyne, Irvin Coltun	5258 Addison St., Philadelphia, Pa.	14 F
Himes, Rees Slaymaker	120 E. King St., Shippensburg, Pa.	19 L
Hoag, Garrett Scattergood	Haverford, Pa.	16 Bs

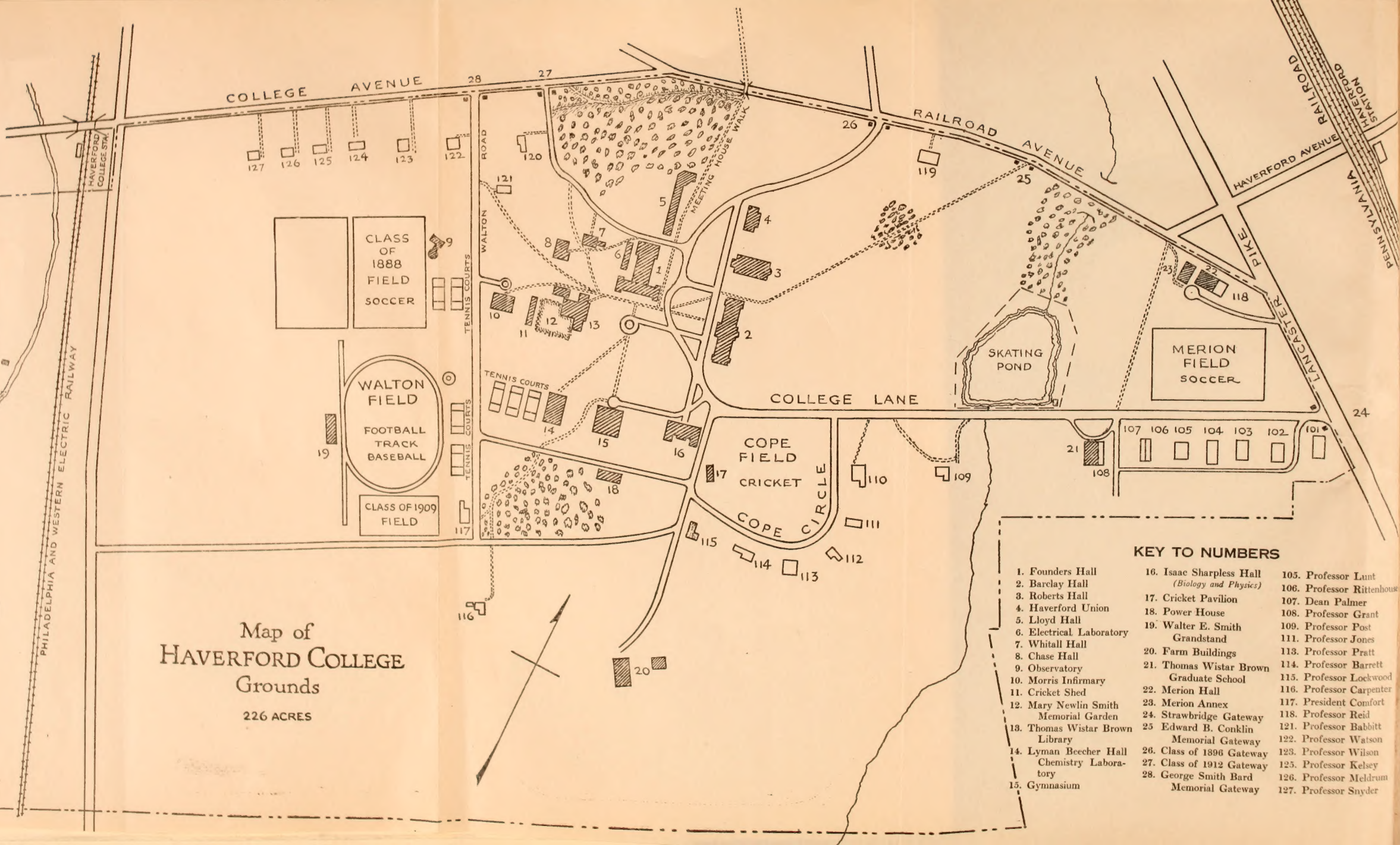
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Map of
HAVERFORD COLLEGE
Grounds
226 ACRES



KEY TO NUMBERS

- | | | |
|--|---|----------------------------|
| 1. Founders Hall | 16. Isaac Sharpless Hall
(Biology and Physics) | 105. Professor Lunt |
| 2. Barclay Hall | 17. Cricket Pavilion | 106. Professor Rittenhouse |
| 3. Roberts Hall | 18. Power House | 107. Dean Palmer |
| 4. Haverford Union | 19. Walter E. Smith
Grandstand | 108. Professor Grant |
| 5. Lloyd Hall | 20. Farm Buildings | 109. Professor Post |
| 6. Electrical Laboratory | 21. Thomas Wistar Brown
Graduate School | 111. Professor Jones |
| 7. Whittall Hall | 22. Merion Hall | 113. Professor Pratt |
| 8. Chase Hall | 23. Merion Annex | 114. Professor Barrett |
| 9. Observatory | 24. Strawbridge Gateway | 115. Professor Lockwood |
| 10. Morris Infirmary | 25. Edward B. Conklin
Memorial Gateway | 116. Professor Carpenter |
| 11. Cricket Shed | 26. Class of 1896 Gateway | 117. President Comfort |
| 12. Mary Newlin Smith
Memorial Garden | 27. Class of 1912 Gateway | 118. Professor Reid |
| 13. Thomas Wistar Brown
Library | 28. George Smith Bard
Memorial Gateway | 121. Professor Babbitt |
| 14. Lyman Beecher Hall
Chemistry Laboratory | | 122. Professor Watson |
| 15. Gymnasium | | 123. Professor Wilson |
| | | 125. Professor Kelsey |
| | | 126. Professor Meldrum |
| | | 127. Professor Snyder |

FACULTY AND OFFICERS

Name	Address (Haverford unless otherwise noted)	Telephone (Ardmore Exchange) unless otherwise noted
Babbitt, Dr. James A.	3 College Ave.	50
Barrett, Don C.	Walnut Lane	934 W
Carpenter, James McF., Jr.	Woodside Cottage	522 W
Chase, Oscar M.	Founders Hall	564 J
Comfort, William W.	Walton Field	455
Grant, Elihu	8 College Lane	258 W
Gray, Austen K.	21 Lloyd Hall	1427
Johnston, Robert J.	{ Office, Founders Hall.	564 J
	{ Home, Narberth, Pa. ... Narberth	315 M
Jones, Rufus M.	2 College Circle	97 J
Kelly, John A.	Founders Hall	564 J
Kelsey, Rayner W.	11 College Ave.	563 W
Lockwood, Dean P.	6 College Circle	522 J
Lunt, William E.	5 College Lane	1507 W
Meldrum, W. Buell	13 College Ave.	776 J
Palmer, Frederic, Jr.	7 College Lane	97 R
Post, L. Arnold	9 College Lane	258 M
Pratt, Henry S.	4 College Circle	942 J
Rantz, J. Otto	Highland Park, Pa.	
Reid, Legh W.	Merion Cottage	986 W
Rittenhouse, Leon H.	6 College Lane	285 J
Sanger, George T.	Founders Hall	564 J
Snyder, Edward D.	15 College Ave.	1509 W
Watson, Frank D.	5 College Ave.	203 W
Wilson, Albert H.	7 College Ave.	216

COLLEGE OFFICE AND BUILDING TELEPHONES*

Alumni Secretary	1441
Barclay Hall, North	439 W
Barclay Hall, South	439 J
Barclay Hall, Centre	68
Chemical Building	988 J
Dean	1441
Founders Hall, East	564 J
Founders Hall, Dormitory	1939 W
Graduate School	258 W
Gymnasium	754 W
Infirmary	763
Lloyd Hall, Rooms 1-4	564 W
Lloyd Hall, Rooms 5-12	1444
Lloyd Hall, Rooms 13-22	1427
Merion Hall	267 J
President	221
Power House	988 W
Registrar	221

* Ardmore Exchange.

(Continued from page 1)

Name	Home Address	College	Address
Huffman, George Conrad.....	Waynesburg, Pa.	22	L
Hunsicker, William Cosgrove, Jr.	1625 Race St., Philadelphia, Pa..	9	Bs
Hunt, George Wood.....	709 Spruce St., Philadelphia, Pa..		D
Hutkin, Marcus Diamonstone.	5826 Mascher St., Philadelphia, Pa.	39	Bc
Jones, Wilmot Rufus.....	Concord, Mass.	14	Bs
Knowlton, Stephen Brooks....	Haverford, Pa.		D
Lewis, Andrew Lindsay.....	Broomall, Pa.	68	Bn
Logan, Thomas Megowan.....	48 E. Washington Lane, Phila- delphia, Pa.	7	F
Morris, Marriott Canby, Jr....	131 W. Walnut Lane, German- town, Pa.	44	Bc
Morss, Franklin Crawford, Jr...	6703 Cresheim Rd., Mt. Airy, Pa.	34	Bc
Parke, Thomas	Downingtown, Pa.	10	Bs
Pruitt, Dudley McConnell....	Hwanghsien, China	18	F
Rutt, Norman Eby.....	914 Old Lancaster Rd., Bryn Mawr, Pa.	17	F
Schultz, Robert	Hawley, Pa.	3	F
Scott, Kennett Schurch.....	Oakbourne, Pa.	28	Bc
Stevenson, John Bryant.....	1530 Denniston Ave., Pittsburgh, Pa.	66	Bn
Strawbridge, Gordon Weld...	School Lane, Germantown, Pa....	15	Bs
Strayer, Charlton Bevan.....	101 E. Tremont Ave., New York City, N. Y.	13	F
Wagenseller, Wayne MacVeigh..	1307 Market St., Harrisburg, Pa.	68	Bn
Warner, Charles, Jr.	2311 W. 11th St., Wilmington, Del.	20	L
Warriner, Farnham	18th and Walnut Sts., Philadel- phia, Pa.	20	L
White, Nelson Arnold.....	Drexel Hill, Pa.	43	Bc
Wilbur, Harry Lawrence.....	Haverford, Pa.		D
Williamson, Alexander Jardine.	West Chester, Pa.	1	F

JUNIOR CLASS

Bader, Charles Frederick, Jr....	163 Main St., Phoenixville, Pa..	58	Bn
Bainbridge, Henry Clay.....	Beesley's Point, N. J.	15	L
Barry, Robert, 2d.....	Narberth, Pa.	113	M
Beideman, Casper Melvin.....	Merchantville, N. J.	6	Bs
Blair, John Fries.....	210 S. Cherry St., Winston-Salem, N. C.	21	Bs
Brinton, Hugh Penn, Jr.....	West Chester, Pa.	5	M
Carson, John Stanton.....	230 S. Negley Ave., Pittsburgh, Pa.	10	L
Cauffiel, Meade	412 Coleman Ave., Johnstown, Pa.	16	L
Cocks, Rowland C.....	Cornwall, N. Y.....	21	F
Comfort, Howard	Haverford, Pa.	60	Bn
Fisher, John Monroe, Jr.....	222 S. 15th St., Philadelphia, Pa...	13	L
Fite, George Liddle.....	138 Fitz Randolph Rd., Princeton, N. J.	64	Bn
Foulke, Edward	Ambler, Pa.	12	M

Name	Home Address	College Address
Frazier, Charles Harrison, Jr...	200 W. Mermaid Lane, Germantown, Pa.	69 Bn
Greenwell, Harold Doman.	4517 Spruce St., Philadelphia, Pa.	8 L
Hand, William Henry.....	122 S. Franklin St., Nyack, N. Y.	60 Bn
Haring, Forrest Chapman.....	2489 Sedgwick Ave., New York, N. Y.	9 L
Harnwell, Gaylord Probasco..	Prospect Hall, Frederick, Md....	20 Bs
Hastings, Stanley Bend.....	Prescott, Mass.	17 M
Haviland, Paul Robbins.....	The Knoll, Lansdowne, Pa.....	13 M
Headly, John Frederick.....	West Grove, Pa.	11 M
Heilman, Wesley Marvin.....	876 Wynnewood Rd., Philadelphia, Pa.	12 M
Herrick, Colin James.....	Girard College, Philadelphia, Pa.	21 Bs
Hogenauer, Howard Jessup...	2640 Morris Ave., Bronx, New York, N. Y.	14 M
Howgate, George Washbourne..	414 Cartaret St., Camden, N. J...	14 M
Leeds, Robert West.....	162 S. Penn Ave., Atlantic City, N. J.	11 Bs
Margolis, Abram	129 Main St., Coatesville, Pa....	39 Bc
Mead, Morris William, Jr.....	354 Lehigh Ave., Pittsburgh, Pa..	4 F
Mullin, Arthur	Pinecrest, West Chester, Pa.....	62 Bn
Nash, Charles Edgar	Wyncote, Pa.	6 M
Patterson, Edward Bell.....	42 W. Walnut Ave., Merchantville, N. J.	6 Bs
Reich, John Frederick.....	Morris Heights, Morrisville, Pa...	5 F
Rhoads, Philip Garrett.....	Moorestown, N. J.	23 Bs
Robertson, James Theodore...	1450 Columbus Ave., N. S., Pittsburgh, Pa.	19 Bs
Roedel, George Joyce.....	613 Buck St., Millville, N. J.....	15 M
Sadtler, George Lewis.....	1026 Cathedral St., Baltimore, Md.	1 L
Sadtler, Leandler Riddle.....	1026 Cathedral St., Baltimore, Md.	1 L
Smith, James Bennett, Jr.....	Eureka, N. Y.	21 F
Tai, Eu Shui.....	643 S. Chengtu Rd., Shanghai, China	2 M
Taylor, Lawrence Newbold....	Haverford, Pa.	50 Bs
Tingley, Charles Love Scott, Jr.	St. Davids Rd., Wayne, Pa.....	9 M
Turner, Gordon Mackenzie....	351 N. 114th St., New York, N. Y.	66 Bn
VanTine, Edward Postlethwaite.	1706 Girard Ave., Philadelphia, Pa.	13 L
Walker, Elwood Thomas.....	1202 DeKalb St., Norristown, Pa.	71 Bn
West, William Nelson, 3d.....	Wynnewood, Pa.	6 M
Wilbur, Donald Elliott.....	Haverford, Pa.	23 Bs
Wood, Horatio C., 3d.....	319 S. 41st St., Philadelphia, Pa...	8 L

SOPHOMORE CLASS

Acton, Conral Berens.....	Salem, N. J.	101 M
Arnold, Jerrold Clement.....	Whittier, Calif.	12 L
Ball, Eric Glendenning.....	1512 Park Ave., Baltimore, Md...	35 Bc
Barton, Francis Carroll, Jr....	114 Park Rd., Llanerch, Pa.....	32 Bc
Bates, Robert Charles, Jr.....	Port Deposit, Md.	31 Bc
Bentley, Wray Davison.....	12 High St., Glen Ridge, N. J....	50 Bn
Billo, Geoffroy	2422 University Ave., New York, N. Y.	5 Bs
Chadwick, Leigh Edward.....	16th and R Sts., N. W., Washington, D. C.	37 Bc

Name	Home Address	College Address
Chang, Samuel Hiok.....	Swatow, China	11 F
Douglas, Lyman Calkins.....	404 Lawrence Ave., Westfield, N. J.	50 Bn
Eiseman, Douglas Walter....	513 N. Clapier St., Germantown, Pa.	109 M
Eshleman, Martin	Denver, Pa.	6 F
Garrett, Thomas Cresson....	5301 York Rd., Logan, Pa.....	1 Bs
Gordy, Edward Lee.....	Chambersburg, Pa.	19 F
Gross, Gerald Connop.....	85 W. Post Rd., White Plains, N. Y.	22 F
Haines, Charles William.....	Masonville, N. J.	24 Bs
Harvey, John Sykes Curtis, Jr.	Radnor, Pa.	22 Bs
Heilman, Horace Richard.....	876 Wynnewood Rd., Philadel- phia, Pa.	42 Bc
Hinrichs, William Ernest....	76 Lincoln St., Glen Ridge, N. J..	72 Bn
Hollingshead, Irving	Moorestown, N. J.	8 F
House, Henry Fleming.....	1623 Melrose Place, Knoxville, Tenn.	30 F
Johnson, Charles Harmony...	New Castle, Pa.	3 L
Johnson, Phillips	New Castle, Pa.	3 L
Johnston, Walter Ames.....	5905 Thompson St., Philadelphia, Pa.	37 Bc
Kumm, Karl H. Grattan G....	25 Pine Grove Ave., Summitt, N. J.	10 F
Laug, Edwin Penckert.....	701 Beechwood Ave., Collingdale, Pa.	32 Bc
Longstreth, Richard	Haverford, Pa.	69 Bn
Lord, Durrell Learock.....	Valhalla, N. Y.	22 F
Montgomery, Hugh	2139 Cypress St., Philadelphia, Pa.	D
Newman, Warren Wilson.....	5043 Locust St., Philadelphia, Pa..	10 L
Nicholson, Jesse Thompson...	400 Penn St., Camden, N. J.....	23 F
Pittman, Chalmers VanAnglen.	5214 Greene St., Germantown, Pa.	3 F
Prokosch, Frederick	Bryn Mawr, Pa.	110 M
Reinhardt, David Jones, Jr...	Ford Building, Wilmington, Del..	30 F
Rhoads, Owen Brooke.....	11 E. Baltimore Ave., Lansdowne, Pa.	5 Bs
Rice, Willard Martin, IV.....	647 W. Phil-Elena St., German- town, Pa.	63 Bn
Rogers, William Davis.....	Medford, N. J.	8 F
Sanders, James Montgomery..	706 Reservoir St., Baltimore, Md.	35 Bc
Sassaman, Walter Russell.....	301 E. Oakdale Ave., Glenside, Pa.	107 M
Schulze, John Lewis, Jr.....	104 Benedict Ave., South Ard- more, Pa.	40 Bc
Sellers, Charles Coleman....	Glenn Rd., Ardmore, Pa.....	2 Bs
Silver, John Archer.....	Aberdeen, Md.	7 Bs
Smith, Rutledge Fell.....	319 N. 16th St., Philadelphia, Pa.	38 Bc
Starbuck, John Clinton.....	Media, Pa.	51 Bn
Stifter, Francis McIlhenny....	Evanston, Ill.	31 Bc
Stokes, Walter Percival, Jr...	Holmesburg, Pa.	3 Bs
Stone, Warren Moorhead.....	Warren, Pa.	19 L
Strong, Henry Hooker.....	21 Pennsylvania Ave., Coates- ville, Pa.	22 Bs
Taney, Robert Brooke.....	Media, Pa.	12 L
Taubel, Louis Edward.....	Wildwood Crest, N. J.	D

Name	Home Address	College Address
Thomas, Raymond Moore.....	Wayne, Pa.	33 Bc
Warfield, Benjamin Brencken- ridge	Chambersburg, Pa.	7 Bs
Watson, James Rose.....	3270 Orleans St., Pittsburgh, Pa..	38 Bc
Wiley, Stanley Edward.....	5335 Locust St., Philadelphia, Pa.	42 Bc
Willson, Hugh Latimer.....	53 Roberts Ave., Haddonfield, N. J.	20 F
Wright, Austin, Jr.....	116 E. Penn St., Bedford, Pa....	115 M
Yerkes, Harman Alfred.....	1540 S. 57th St., Philadelphia, Pa.	33 Bc

FRESHMAN CLASS

Ale, Francis Harvey.....	1162 Murray Hill Ave., Pitts- burgh, Pa.	56 Bn
Armstrong, Samuel Ashbridge..	8th St. and 64th Ave., Oak Lane, Philadelphia, Pa.	59 Bn
Bakeless, David Waller.....	Bloomsburg, Pa.	25 Bc
Baker, Donald Gay.....	Haverford, Pa.	D
Baldwin, Schuyler Forbes.....	4510 Osage Ave., Philadelphia, Pa.	41 Bc
Borton, Hugh	19 Prospect Ave., Moorestown, N. J.	52 Bn
Brown, Truesdell Sparhawk....	227 Roberts Rd., Bryn Mawr, Pa.	54 Bn
Busselle, Alfred, Jr.....	347 Madison Ave., New York, N. Y.	30 Bc
Calkin, John Burgess.....	Spring Grove, Pa.	102 M
Campbell, Francis Faulkner...	Box 588, Baltimore, Md.	114 M
Carman, Alexander Raymond...	1724 Wesley Ave., Evanston, Ill..	14 L
Evans, Henry Carter.....	Riverton, N. J.	36 Bc
Eves, Samuel Russell.....	Millville, Pa.	25 Bc
Gilmour, Allen	1404 Pacific St., Brooklyn, N. Y..	12 F
Greene, Charles Herbert.....	Troy, Pa.	17 Bs
Greer, Charles Asbury.....	Johnstown, Pa.	24 Bs
Haines, Murray Cheston.....	Cheltenham, Pa.	14 L
Haines, Robert Lee.....	Moorestown, N. J.	26 Bc
Halstead, William Storm.....	White Plains, N. Y.	25 Bc
Hannum, Edmund Pennell....	5239 Spruce St., Philadelphia, Pa.	D
Harper, Siddons, Jr.....	123 Thompson Ave., Ardmore, Pa.	D
Hartman, Dalzell Fahnestock..	442 N. Duke St., Lancaster, Pa..	6 L
Hatcher, Robert Lee.....	414 E. 26th St., New York, N. Y..	106 M
Haviland, Harris Goddard....	The Knoll, Lansdowne, Pa.	116 M
Hibberd, Isaac Lloyd.....	122 Harrison Apts., Oakland, Calif.	41 Bc
Huber, William McPherson...	3007 Midvale Ave., Philadelphia, Pa.	55 Bn
Hunsicker, Horace Higbee....	1625 Race St., Philadelphia, Pa..	53 Bn
Jackson, Wayne Gridley.....	1142 Madison Ave., New York, N. Y.	18 L
Johnston, John Anderson.....	131 Coulter Ave., Ardmore, Pa..	D
Joly, John Dean.....	5 Newfield Way, Cynwyd, Pa...	59 Bn

Name	Home Address	College Address
Kingsbury, Edward Henry....	647 Bergen Ave., New York, N. Y.	29 Bc
Lamberti, Victor Anthony.....	2376 Ryer Ave., New York, N. Y.	6 L
Leary, Wilson Macdonald.....	4420 Sansom St., Philadelphia, Pa.	D
Leeds, Winthrop Moorhead...	304 W. School Lane, Germantown, Pa.	16 F
Lewis, Daniel Clark, Jr.....	825 Columbia Ave., Millville, N. J.	61 Bn
Lowry, Benjamin Howard....	407 Chester Ave., Moorestown, N. J.	18 L
MacGowan, Howard Trego...	Fisher's Rd., Bryn Mawr, Pa....	2 F
Maguire, William Thomas....	Treat Apts., Wayne, Pa.	30 Bc
Marshall, J. Howard.....	Park and Hill Aves, Langhorne, Pa.	8 Bs
Mead, Willard Ecker.....	354 Lehigh Ave., Pittsburgh, Pa..	29 Bc
Meeks, Harold Edwin.....	89 E. Main St., Meriden, Conn...	15 L
Melchior, Montfort Vertigans..	108 E. Greenwood Ave., Lansdowne, Pa.	1 M
Miller, James Rockwell.....	Box 11, Montreat, N. C.....	67 Bn
Miller, Merle Middour.....	35 N. Grant St., Waynesboro, Pa.	53 Bn
Miller, Ralph C.....	2101 Harrison Ave., New York, N. Y.	11 L
Monroe, Harold Clayton.....	239 W. 103rd St., New York, N. Y.	108 M
Nock, Francis Jay.....	120 Oak Grove Ave., Hasbrouck Heights, N. J.	105 M
Oliver, Robert Hugh Henderson	534 N. Orianna St., Philadelphia, Pa.	36 Bc
Perring, Henry Brooks.....	3206 Carlisle Ave., Baltimore, Md.	11 L
Pitter, Osmond Chester.....	Happy Grove, Hector's River P. O., B. W. I.....	4 Bs
Rex, Alexander Buchanan....	1717 DeKalb St., Norristown, Pa.	17 L
Richie, Robert Hooton.....	Moorestown, N. J.	26 Bc
Roedelheim, Fred	"Oakshade," Elkins Park, Pa...	61 Bn
Sassaman, Paul Lewis.....	301 E. Oakdale Ave., Glenside Pa.	111 M
Shank, Christian Ernest, Jr....	Rosemont, Pa.	D
Sumwalt, Charles Edwards....	2901 Chelsea Terrace, Baltimore, Md.	104 M
Tatnall, Charles Rhoads.....	805 Franklin St., Wilmington, Del.	8 Bs
Theobald, Benjamin Franklin, Jr.	3529 N. 21st St., Philadelphia, Pa.	D
Thudium, Thomas William....	361 W. Duval St., Germantown, Pa.	D
Vansant, Joseph Addison Robinson	2348 E. Hagert St., Philadelphia, Pa.	103 M
Wagner, Alexander Robey Shepherd	1218 S. Main St., Tulsa, Okla....	67 Bn
Wood, Edward Sharpless, Jr...	Riverton, N. J.	52 Bn
Zimmerman, Charles Hinckley.	325 Chestnut St., Lebanon, Pa...	70 Bn

HAVERFORD COLLEGE BULLETIN

VOL. XXI

ELEVENTH MONTH, 1922

No. 2

**Reports of the President of the
College and Treasurer of the
Corporation, 1921-1922**



Issued four times a year by
HAVERFORD COLLEGE, HAVERFORD, PA.

Entered December 10, 1902, Haverford, Pa.,
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Act of October 3, 1917, authorized on July 3, 1918.



THE CORPORATION
OF
HAVERFORD COLLEGE

REPORTS OF
PRESIDENT OF THE COLLEGE
TREASURER OF THE CORPORATION

PRESENTED AT THE ANNUAL MEETING
TENTH MONTH 10, 1922

HAVERFORD, PA.

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CORPORATION

President

ASA S. WING.....409 Chestnut St., Phila.

Secretary

J. STODDELL STOKES.....Summerdale, Phila.

Treasurer

J. HENRY SCATTERGOOD.....355 Bourse Building, Phila.

BOARD OF MANAGERS

Term Expires 1923

WILLIAM H. HAINES.....5433 Wayne Ave., Germantown, Phila.

FRANCIS A. WHITE.....607 Keyser Building, Baltimore, Md.

JOHN M. WHITALL.....410 Race St., Phila.

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EDWARD W. EVANS.....304 Arch St., Phila.

HENRY COPE.....Awbury, Germantown, Phila.

T. CHALKLEY PALMER.....R. F. D. No. 2, Media, Pa.

RICHARD D. WOOD.....626 Chestnut St., Phila.

Term Expires 1924

JAMES WOOD.....Mt. Kisco, N. Y.

ABRAM F. HUSTON.....Coatesville, Pa.

THOMAS F. BRANSON.....Rosemont, Pa.

SETH K. GIFFORD.....Moses Brown School, Providence, R. I.

CHARLES J. RHOADS.....328 Chestnut St., Phila.

DANIEL SMILEY.....Mohonk Lake, N. Y.

ARTHUR H. THOMAS.....W. Washington Sq., Phila.

WILLIAM A. BATTEY.....Stephen Girard Bldg., Phila.

Term Expires 1925

GEORGE VAUX, JR.....1606 Morris Building, Phila.

FREDERIC H. STRAWBRIDGE.....801 Market St., Phila.

JONATHAN M. STEERE.....Girard Trust Co., Phila.

L. HOLLINGSWORTH WOOD.....20 Nassau St., New York, N. Y.

STANLEY RHOADS YARNALL....Gtn. Ave. and Coulter St., Gtn., Phila.

HENRY M. THOMAS.....1228 Madison Ave., Baltimore, Md.

WILLIAM WISTAR COMFORT.....Haverford, Pa.

RICHARD M. GUMMERE.....8 South Twelfth St., Phila.

ASA S. WING, *President*.....409 Chestnut St., Phila.

MORRIS E. LEEDS, *Secretary*.....4901 Stenton Ave., Gtn., Phila.

STANDING COMMITTEES OF THE BOARD OF MANAGERS

Executive Committee

JOHN M. WHITALL	MORRIS E. LEEDS
CHARLES J. RHOADS	J. HENRY SCATTERGOOD
GEORGE VAUX, JR.	STANLEY R. YARNALL
FREDERIC H. STRAWBRIDGE	J. STOGDELL STOKES

Committee on Finance and Investments

WILLIAM H. HAINES	CHARLES J. RHOADS
JONATHAN M. STEERE	

Committee on Accounts

J. STOGDELL STOKES	EDWARD W. EVANS
JONATHAN M. STEERE	RICHARD D. WOOD

Committee on College Property and Farm

FREDERIC H. STRAWBRIDGE	DANIEL SMILEY
JOHN M. WHITALL	T. CHALKLEY PALMER
ABRAM F. HUSTON	ARTHUR H. THOMAS
WILLIAM A. BATTEY	

Committee in Care of Thomas Wistar Brown Graduate School

CHARLES J. RHOADS	MORRIS E. LEEDS
J. HENRY SCATTERGOOD	RICHARD M. GUMMERE

The President of the Corporation is *ex-officio* a member of all standing committees.

Counsel

GEORGE VAUX, JR.	PARKER S. WILLIAMS*
	Commercial Trust Bldg., Phila.

Alumni Advisory Committee Representative

WALTER C. WEBSTER*
2 Rector St., N. Y.

* Invited to attend all Board Meetings.

FACULTY*

WILLIAM WISTAR COMFORT, PH.D., LITT.D., LL.D.,
President

LYMAN BEECHER HALL, PH.D.,
John Farnum Professor of Chemistry, *Emeritus*

ALBERT SIDNEY BOLLES, PH.D., LL.D.,
Lecturer on Commercial Law and Banking, *Emeritus*

HENRY SHERRING PRATT, PH.D.,
David Scull Professor of Biology

JAMES ADDISON BABBITT, A.M., M.D.,
Professor of Hygiene and Physical Education

RUFUS MATTHEW JONES, LITT.D., D.D., LL.D.,
Professor of Philosophy

DON CARLOS BARRETT, PH.D.,
Professor of Economics

LEGH WILBER REID, PH.D.,
Professor of Mathematics

FREDERIC PALMER, JR., PH.D.,
Dean and Professor of Physics

WILLIAM EDWARD LUNT, PH.D.,
Walter D. and Edith M. L. Scull Professor of English
Constitutional History

ELIHU GRANT, PH.D.,
Professor of Biblical Literature

* Arranged in order of appointment to present rank.

HAVERFORD COLLEGE

RAYNER WICKERSHAM KELSEY, PH.D.,
Professor of History and Curator of Quaker Collections

LEON HAWLEY RITTENHOUSE, M.E.,
Professor of Engineering

FRANK DEKKER WATSON, PH.D.,
Professor of Sociology and Social Work

DEAN PUTNAM LOCKWOOD, PH.D.,
Librarian and Professor of Latin

ALBERT HARRIS WILSON, PH.D.,
Associate Professor of Mathematics

WILLIAM BUELL MELDRUM, PH.D.,
Associate Professor of Chemistry

OSCAR MARSHALL CHASE, S.M.,
Registrar and Assistant Professor of Drawing

EDWARD DOUGLAS SNYDER, PH.D.,
Assistant Professor of English

JOHN ALEXANDER KELLY, PH.D.,
Assistant Professor of German

JAMES MCFADDEN CARPENTER, JR., PH.D.,
Assistant Professor of Romance Languages

LEVI ARNOLD POST, M.A.,
Assistant Professor of Greek

FACULTY

AUSTIN KEYINGHAM GRAY, M.A.,
Lecturer in English

ARLINGTON EVANS,
Instructor in Physical Training

ROBERT ATKINSON, B.S.,
Instructor in Chemistry

HELEN SHARPLESS,
Assistant Librarian

JOHN OTTO RANTZ,
Assistant in the Engineering Laboratory

HERBERT WILLIAM TAYLOR, M.D.,
Assistant in Hygiene

RICHARD GRAFFLIN SAGEBEER, A.B.,
Assistant in Physics

PRESIDENT'S REPORT

College has opened this year with 211 students. There are 62 Freshmen; 5 new students have entered with advanced standing from other colleges. There are 11 day students. The College is comfortably full, but not crowded. It has not proved difficult, by insisting upon intellectual attainment, moral rectitude and seriousness of purpose, to keep our enrollment within bounds, even under the pressure for a college education which marks the present time.

At the last Commencement in 1922, degrees were conferred upon 15 Bachelors of Arts, 28 Bachelors of Science, and 11 Masters of Arts. The Commencement address was made by Professor Rufus M. Jones, and the President of the College conferred upon him the degree of Doctor of Laws in the following terms:

RUFUS MATTHEW JONES

A graduate of Haverford College in the Class of 1885, and for twenty-five years our beloved Professor of Philosophy.

Teacher, minister and friend.

An impenitent optimist, who has discovered the secret of perpetual youth, and who has helped numberless young men to find themselves in finding a faith.

A believer in the forces of the Unseen, who has interpreted these forces to his students by his spoken word and by his living illustration of the power of love.

A prolific writer on personal religion, on the historical trend of mysticism, and in particular on the history of the Society

PRESIDENT'S REPORT

of Friends, whose principles he has expounded to a growing public at home and beyond the seas.

Organizer upon a large scale of relief work in stricken Europe, whose vision and tact have made the American Friends' Service Committee a model of sympathetic and efficient service.

President of the Board of Trustees of Bryn Mawr College, long responsibly associated with the affairs of a sister institution.

Upon this distinguished alumnus Haverford College confers the greatest honor in its gift: the degree of Doctor of Laws.

The method adopted last year of admitting students to the Freshman class only upon their satisfactory performance in the examinations set by the College Entrance Examination Board in Sixth Month, or by Haverford College in Ninth Month, has proved in general to be very satisfactory. A relatively high grade of intellectual strength has thus been secured for our Freshman classes. For the first time there was given last year to all our students a psychological test. The result was particularly interesting in the Freshman class, to whom the same test was given as had already been given to the Freshman classes of 77 other institutions in the country. Our Freshmen did better than the Freshmen of any of these other institutions and secured an average for the class of 113.6 as against an average of 87 obtained by the Freshmen of the other 77 institutions. This test further showed that, in general, the students who obtain the highest marks in ordinary examinations also do best in such psychological tests. It is likely that further experiments will be made with this interesting method of obtaining light on the capacity of our students.

HAVERFORD COLLEGE

The religious affiliation of students in Haverford College for the year 1922-23 is:

	GRADUATE STUDENTS	CLASS 1923	CLASS 1924	CLASS 1925	CLASS 1926	TOTAL
Presbyterian.....	1	16	12	14	17	60
Friends.....	..	9	11	11	15	46
Episcopalian.....	..	6	12	13	13	44
Methodist.....	1	1	3	5	6	16
Lutheran.....	..	..	3	3	3	9
Baptist.....	1	3	..	2	2	8
Congregational.....	..	2	2	2	2	8
Roman Catholic.....	..	..	1	2	1	4
Disciple of Christ.....	..	..	..	2	1	3
Jewish.....	..	2	1	..	..	3
Christian Scientist.....	..	1	1	..	..	2
Unitarian.....	..	1	..	..	1	2
Dutch Reformed.....	..	..	1	..	..	1
Moravian.....	..	..	1	..	..	1
No Religious Affiliation.....	..	1	..	2	1	4
	3	42	48	56	62	211

Percentage of Friends..... 21.7

At the annual meeting of the Corporation held Tenth Month 11th, 1921, William A. Battey, of the Class of 1899, was elected a member of the Board for the term of three years, to succeed Willard E. Swift, of the Class of 1903.

I have to record with much regret the resignation of Walter S. Hinchman as Francis Barton Gummere Professor of English at the close of last year. Professor Hinchman's scholarship, experience and personality were such as to enable him in a peculiar manner to fill this newly established Chair to the satisfaction of Haverfordians. Private reasons compelled him to change his place of residence and the Board

PRESIDENT'S REPORT

regretfully accepted his resignation. To carry his work during the present year, Austin K. Gray of Jesus College, Cambridge, recently Assistant Professor of English in the University of California, has been appointed Lecturer in English for one year. Dr. D. P. Lockwood has been promoted to be Professor of Latin; Dr. R. W. Kelsey has been appointed Curator of Quaker Collections, in addition to his other duties; Dr. J. McF. Carpenter, Jr., has been promoted to be Assistant Professor of Romance Languages; L. Arnold Post has been promoted to be Assistant Professor of Greek; Robert Atkinson, of the Class of 1921, has been appointed Instructor in Chemistry. Professor D. C. Barrett has returned this year after his absence on sabbatic leave; Professor F. D. Watson has been granted similar leave for the first half of the present year, and Professor R. M. Jones for the second half of the year.

Reference was made in the President's Report last year to the fact that the study of Chemistry and of French had at Haverford been more affected by the war than any other subjects. It may be interesting to submit at this point a tabulated list of the number of individual registrations in the various departments of the College curriculum as recorded for the year 1921-1922. The registrations are not to be regarded as the result of choice, for in many departments certain courses are required for graduation. But the subjoined exhibit will reveal where the pressure for instruction is greatest, and will perhaps be of interest to former students as showing how conditions change with the passage of time. It is evident, broadly speaking, that our *clientèle* is seeking a general education for culture rather than a specialized education for revenue.

HAVERFORD COLLEGE

Astronomy.....	13
Biblical Literature.....	53
Biology.....	104
Chemistry.....	91
Economics.....	124
English.....	184
Engineering.....	39
French.....	124
Geology.....	16
German.....	78
Greek.....	9
History.....	143
Latin.....	77
Mathematics.....	179
Physics.....	33
Philosophy.....	145
Sociology.....	86
Spanish.....	16

The following lectures outside of the regular course have been given during the year:

Haverford Library Lectures:

"From the Rights of Man to the Duties of Man," by Reverend Willard L. Sperry, Pastor of the Central Congregational Church, Boston, Mass.

Twelfth month 8, 1921.

"From Man's Duty to Christ's Love," by Reverend Willard L. Sperry, Pastor of the Central Congregational Church, Boston, Mass.

Twelfth month 9, 1921.

Other Lectures:

"Dante," by President W. W. Comfort, of Haverford College.

Tenth month 18, 1921.

"Christianity and Social Reconstruction," by Mr. B. Seebohm Rowntree.

Tenth month 27, 1921.

PRESIDENT'S REPORT

"The Direction of Human Evolution," by Professor Edwin G. Conklin, of Princeton University.

Eleventh month 10, 1921.

"The Changing of the Antique Man into the Mediæval," by Mr. Henry Osborn Taylor.

Eleventh month 15, 1921.

"Cowboy Ballads," by Professor John A. Lomax, of the University of Texas.

First month 18, 1922.

"Today and the America for it," by Dr. Ira Landrith.

Second month 22, 1922.

"The Menaechmi" or "Comedy of Errors," performed by members of the Classical Club of Haverford College.

Third month 1, 1922.

"Fogs and Clouds," by Mr. W. J. Humphreys, of the Weather Bureau, Washington, D. C.

Third month 14, 1922.

"Outstanding Features in Japanese Life and Character," by Lloyd Balderston, of the Imperial University, Sapporo, Japan.

Third month 20, 1922.

"Human Nature and the International Problem," by Mr. Norman Angell.

Fourth month 4, 1922.

"Greek Art," an illustrated lecture by Mr. Rhys Carpenter, of Balliol College, Oxford.

Fifth month 16, 1922.

Mass Meeting and Concert in the interest of providing relief for the destitute university professors, students, artists and musicians of Vienna.

Fifth month 17, 1922.

Two Interclass Debates:

An extemporaneous debate between Sophomores and Freshmen for the Everett Society Medals, on the proposition: "*Resolved, That the Haverford Class Record should be abolished rather than continued according to tradition.*"

HAVERFORD COLLEGE

A formal debate between Seniors and Juniors for the Alumni Prize, on the proposition: *Resolved*, That the United States should establish a policy of ship subsidies."

Fourth month 13, 1922.

Commencement Day:

Commencement exercises in Roberts Hall, with address by Dr. Rufus M. Jones, Professor of Philosophy, Haverford College.

Sixth month 16, 1922.

REPORT OF THE EMPLOYMENT BUREAU 1921-1922

The Dean submits the following report of the Employment Bureau maintained by his office:

POSITIONS	NO. EMPLOYED	AMOUNT EARNED	AVERAGE AMOUNT EARNED
Caretaker of Tennis Court.....	1	\$150.00	\$150.00
Carpentry.....	1	1.05	1.05
Chores.....	6	9.35	1.56
Clerical Work.....	15	22.44	1.50
Electrical Repair.....	1	.85	.85
Furnaces.....	2	41.10	20.55
Garden.....	2	4.54	2.27
Housework.....	4	5.28	1.32
Janitor.....	1	225.00	225.00
Lawn.....	7	20.83	2.98
Library Work.....	1	24.80	24.80
Messenger.....	3	2.61	.87
Painting.....	1	10.15	10.15
Playground Work.....	3	411.50	137.17
Storm Windows, Screens, Awnings, etc.	6	4.87	.81
Surveying.....	1	1.00	1.00
Tutoring.....	2	450.00	225.00
Wood Cutting.....	2	1.13	.56
Waiters.....	13	2,925.00	225.00
Total amount earned.....		\$4,313.50	
Total number of calls filled.....			72
Total number of kinds of positions.....			19
Tutoring by Students Tutoring Bureau (not included in above)			\$1,396.02

PRESIDENT'S REPORT

The Librarian reports as follows:

"During the year ending Ninth Month 30th, 1922, there were added to the Library 3,708 volumes of which 2,348 were bought, 1,262 were gifts and 98 were from the United States Government 'on deposit'; 221 were withdrawn as lost, superseded or worn out, making the total number of volumes at the above date 88,037.

"During the year 14,028 volumes were withdrawn for use outside the building. Of this number 8,941 (including 1,415 'over-night' books) were withdrawn by students, 3,386 by members of the Faculty and others connected with the College and 1,701 by Alumni, neighbors and freinds."

As announced at last Commencement, Haverford has received a very valuable gift in the Library of the late Professor John E. Matzke of Leland Stanford Junior University. The Library is presented to Haverford College as a memorial by Professor Matzke's widow, Dr. Edith Hedges Matzke, and by his two sons, David E. Matzke and Robert R. Matzke, recent graduates of Haverford. The Library comprises perhaps 2,000 volumes and forms the collection of a scholar in the field of the Romance Languages and Literatures. The books have just been received at the College and will eventually be classified and marked in a manner agreeable to the donors of this valuable Memorial Collection.

The report of the Infirmary for the year 1921-1922 is as follows:

The record of house patients is as follows:

Patients admitted.....	142
Total time (days).....	618

HAVERFORD COLLEGE

Diseases are classified as follows:

Grippe and respiratory.....	48
Intestinal.....	10
Joint conditions.....	17
Tonsillitis.....	6
Appendicitis.....	1
External Infections.....	20
Operations (anaesthetic).....	1
Miscellaneous (general).....	39

Total number of visits of dispensary patients:

Medical.....	1,612
Surgical.....	1,312
	<hr/>
	2,924

Conditions are classified as follows (dispensary):

General.....	817
Upper respiratory.....	67
Fractures.....	8
Suture cases.....	9

Our Alumni have paid in their subscriptions to the new Endowment Fund of \$500,000 so promptly that the Treasurer informs that the College now has the use of all of this Fund except about \$63,000. This prompt generosity is greatly appreciated by those responsible for the financial situation of the College, as is also the continued interest of certain friends whose good-will is evidenced by spontaneous gifts of a practical nature. These gifts include those made for re-furnishing the Faculty Room, for Laboratory materials, for the making of new tennis courts, for the new fire equipment, for academic prizes, and for Library furniture. In particular, the College is indebted to the French Government for a large gift of valuable books, and to the active members of the Campus Club who have placed the Corpo-

PRESIDENT'S REPORT

ration under obligation for the time, care and money which they have spent in co-operation with the Manager of the College property in the planting and beautifying of the campus.

Last Fifth Month the College barn was totally destroyed by fire of unknown origin. The students responded promptly and joined their zealous efforts to those of the local fire companies. But nothing availed to save the building, and about fifty hogs which were also burned. The loss was fully covered by insurance, and it is planned to erect in the immediate future a smaller barn suited to our present needs. At the suggestion of the underwriters, a more adequate water supply has been provided during the past summer by introducing a large pipe line carrying Springfield water from Lancaster Avenue. This line crosses Merion Field, comes up College Lane, where two hydrants have been located for the houses on the Circle, to the campus, where two large hydrants have been placed at points of vantage. This provision should prove effective in case of future danger to the campus buildings.

As forecasted in the last Annual Report, it has become necessary to plan for the connection of the College buildings and the houses on College Avenue with the new township sewer. The work is in progress at the present time. A new engine has been installed to pump water from the old College spring beyond Haverford Road, and it is hoped that in this way the spring, together with the artesian well at the Power House, will furnish a sufficient supply for a few more years.

No new building has been done during the past year, but the usual repairs and improvements have been made to College buildings and residences under the personal care of the Committee on College Property and Farm.

HAVERFORD COLLEGE

As set forth in the report of the Treasurer, the debt of the Corporation amounting to \$155,942.15 has been liquidated during the past year. This debt has been of long standing, having been incurred for sundry deficits (\$62,176.16) and for sundry buildings and other improvements (\$93,765.99). This liquidation was made possible through the turning over to the Corporation account of the land and dwellings on College Lane free of debt and valued at \$175,000. This tract of land was purchased in 1886 for the benefit of the College by David Scull, Justus C. Strawbridge, Richard Wood, and Francis Stokes, Managers of the College, and now all deceased. It was held by them as Trustees, and through contributions raised by them and by their giving their bonds on mortgages, six dwellings were erected. Two dwellings were also erected at the expense of the College itself. From the income from the houses, the debt was gradually reduced from year to year until 1919, when all the debt was finally cleared. From 1919 until Third Month 17th, 1922, the income from the houses was set aside as a sinking fund toward the liquidation of the College debt. On that date this property was transferred to the Corporation account and has been used to pay off the debt owing to sundry Funds from which the Corporation had borrowed by assigning to said Funds respective undivided shares in said real estate to the extent of \$156,000, the remaining undivided share of \$19,000, left to the Corporation itself, being known as Haverford Improvement Fund. This share has been increased at the close of the year by \$9,000 purchased back from one of the other Funds. The Board of Managers has minuted on several occasions its appreciation of the interest and foresight of the four Friends, David Scull, Justus C. Strawbridge, Richard Wood and Francis Stokes, whose purchase of this land in 1886 for the benefit of

PRESIDENT'S REPORT

the College has resulted in making this real estate, now so greatly increased in value, a part of the College property.

The students during the past year undertook with considerable success the organization and centralization of many activities of modern college life, thus guarding against dissipation of energy and repetition of effort by placing responsibility upon certain qualified representatives. To accomplish this they adopted a new constitution embodying the principles of student government in the most approved form. The officers of the College welcome the initiative shown in this movement, as also in the establishment of a co-operative store upon sound business principles. In all cases where the work undertaken involved the interests of students and Faculty alike, much credit should be given to the tact and integrity of Albert E. Rogers, 1921, who acted throughout the year as Alumni Secretary and Assistant to the President. He has just been succeeded by Granville E. Toogood, 1920, whose character and experience should enable him to follow up the valued services of his predecessor in this new office.

The athletic policy of the College continues to provide for all the outdoor sports in which the students desire to take part. Coaches have been provided in football, soccer, basketball, baseball, cricket and track. Some have thought that the students engaged in too many different sports to attain success in a fair number of their contests. This may be true. But when inquiry was made as to which, if any, should be given up, it became evident that each had its devotees and that any curtailment would work real disappointment. It is probable, therefore, that the present ambitious program of competition in six or seven sports with institutions larger than Haverford, will be continued, even though considerations of victory alone would dictate a policy of curtailment.

HAVERFORD COLLEGE

Perhaps as a result of general participation in athletics, the general health of the student body has been excellent during the past year.

I may not pass on, however, without mention of the death of two members of the Class of 1925. Paul Flagler Turner, of Haverford, died suddenly on Fourth Month 11th, 1922, and H. Shreve Vandever died after a lingering illness at his home in Wilmington on Ninth Month 17th, 1922. Both these young men promised to make fine Haverfordians, and the entire community mourned their loss.

In last year's Report attention was called to some pressing needs of the College in order that they might be satisfied. One of these has been met in the appointment of Professor Kelsey as Curator of the Quaker Collections in the possession of the College. Another has been met, in intention at least, by the generous offer of the Class of 1922 to provide eventually funds for the completion of our fifth athletic field, with the stipulation that it should be known as "Twenty-two Field." Final action of the Board upon this proposal of last year's Senior class at the time of its Commencement has not yet been taken, but the offer should at least be mentioned at this time. Of other needs there remain a practice cage for indoor games, costing perhaps \$25,000, in connection with the gymnasium; a publication fund of \$10,000 for the endowment of the series of Haverford Studies in which monographs of the Haverford Faculty have from time to time appeared; and a fund of \$50,000 for the purchase of such scientific instruments and apparatus as our excellent departments of Biology, Chemistry and Physics deserve and should possess. The President of the College will be happy to discuss these needs and the larger requirements for the endowment of Chairs with any persons who are interested in providing by testament or donation for the pursuit of true scholarship by deserving young men.

PRESIDENT'S REPORT

PRESIDENT'S REPORT OF THE GRADUATE SCHOOL

The T. Wistar Brown Graduate School is housed in the Graduate House on College Lane, and is now entering upon the sixth year of its existence.

During the past year seven students were in residence in the Graduate School and four did partial work. The degree of Master of Arts was conferred at Commencement upon five students.

This year has opened with seven students in residence and two others who live at home. These students are graduates of Bryn Mawr, Wooster, Simmons, Wilmington, Penn and Guilford Colleges. The resident men students have rooms in Merion Hall, while the women are lodged in the Graduate House. A circular letter was sent out last year containing news of all former students of the School, and another will shortly be issued this fall. Our graduates express themselves as deeply attached to the ideals of the School and as concerned for its future welfare. Their loyalty is indeed further expressed by their co-operation in securing for us in their respective communities students who are qualified for the work.

The curriculum remained practically unchanged last year. Courses were given by Professors Grant, Jones, Watson and Kelsey of our own Faculty, and by Professor Elbert Russell of the Woolman School as Special Lecturer on the History of Quakerism. Some lectures and talks by visiting friends offered occasional variety to the regular work.

PUBLICATIONS OF THE FACULTY

BABBITT, JAMES A.—*Athletic Number*, Haverford College Bulletin, Vol. XX, No. 4, June, 1922.

Some Phases of Non-suppurative Otitis Media, Laryngoscope, St. Louis, September, 1922, 8 pp.

BOLLES, ALBERT S.—*William Penn, Founder of Pennsylvania*. Western Pennsylvania Historical Magazine, Vol. 5, No. 1, January, 1922, pp. 47-65.

COMFORT, WILLIAM W.—*Comment upon Education in America Today*. The Quaker, Vol. ii, No. 26, April, 1922, pp. 309-311.

On the Competition in Education. Evening Public Ledger, October 9, 1922.

Education for Culture and Character. Engineers and Engineering, October, 1922, pp. 345-348.

GRANT, ELIHU.—*A New Era in Palestine Exploration*. Smithsonian Report, 1921, General Appendix.

Brief articles in The Friend, Vol. 95, No. 17; The Quaker, Vol. II, No. 17; and The American Friend, Vol. IX, No. 43, and Vol. X, No. 29.

JONES, RUFUS M.—*Spiritual Energies in Daily Life*. Macmillan Company, New York, 1922. 179, xviii pp.

The Boy Jesus and His Companions. Macmillan Company, New York, 1922. 189, vii pp.

The Mystic's Experience of God. Atlantic Monthly, Vol. 128, No. 5, November, 1921, pp. 637-645.

Psychology and the Spiritual Life. The Journal of Religion, Vol. 1, No. 5, September, 1921, pp. 449-461.

PUBLICATIONS

KELSEY, RAYNER W.—*Cazenove Journal, 1794*. Haverford College Studies, No. 13, 1922, pp. 103.

German Views of War Responsibility. Historical Outlook, Vol. 12, No. 7, October, 1921, pp. 233–236.

An Early Description of Pennsylvania. Pennsylvania Magazine of History and Biography, Vol. 45, No. 179, July, 1921, pp. 243–254.

War and Trade. The Friend (Philadelphia), October 6, 1921, p. 160.

Editor, Bulletin of *Friends' Historical Society*, Philadelphia, Vol. 11, No. 1, 1922.

Review of Jones, *Later Periods of Quakerism*, in Bulletin of Friends' Historical Society, Philadelphia, Vol. 11, No. 1, 1922, pp. 44–45.

Editor, *General Index, Bulletin of Friends' Historical Society*, Vols. 1–10. Philadelphia, 1922.

Joint Editor, *Proceedings of Association of History Teachers of Middle States and Maryland*, No. 18, 1920. Philadelphia, 1922.

LUNT, WILLIAM E.—*The Text of the Ordinance of 1184 Concerning an Aid for the Holy Land*. English Historical Review, Vol. xxxvii, April, 1922, pp. 235–242.

Reviews of various books. American Historical Review, Vol. xxvii, January, 1922, pp. 340–341, 350–351.

PALMER, FREDERIC, JR.—*Rotertia*. Science, Vol. LV, No. 1421, March, 1922, p. 317.

RITTENHOUSE, LEON H.—*Comparison of Power Factor and Property Investment Rates*. Electrical World, Vol. 80, No. 7, August, 1922, p. 328.

SUMMARY OF THE ACCOUNT OF

J. HENRY SCATTERGOOD, Treasurer of

THE CORPORATION OF HAVERFORD

COLLEGE

For the year ending Eighth Month 31, 1922

RECEIPTS

Income from Funds for General Purposes:

General Endowment Fund.....	\$5,173.22
John Farnum Memorial Fund.....	1,876.54
John M. Whitall Fund.....	475.81
David Scull Fund.....	1,940.33
Edward L. Scull Fund.....	584.31
Wistar Morris Memorial Fund.....	229.09
Israel Franklin Whitall Fund.....	500.61
Jacob P. Jones Endowment Fund.....	57,828.12
John Farnum Brown Fund.....	12,356.73
Ellen Waln Fund.....	543.75
Clementine Cope Endowment Fund.....	1,205.48
Joseph E. Gillingham Fund.....	2,619.09
Henry Norris Fund.....	237.16
Elizabeth H. Farnum Fund.....	593.25
James R. Magee Fund.....	420.68
Albert K. Smiley Fund.....	44.81
Walter D. and Edith M. L. Scull Fund....	8,665.65
Hinchman Astronomical Fund.....	452.42
Albin Garrett Memorial Fund.....	1,386.03
Arnold C. Scattergood Memorial Fund....	1,249.50
Francis B. Gummere Memorial Fund.....	6,307.90
Isaac Sharpless Memorial Fund.....	7,084.67
General Education Board Fund (donated \$6,250)	6,121.39
Haverford Improvement Fund.....	477.72
	<hr/>
	\$118,374.26
 Forward.....	 \$118,374.26

TREASURER'S REPORT

Forward.....		\$118,374.26
<i>Income from Fund for Thomas Wistar Brown</i>		
<i>Graduate School:</i>		
Moses Brown Fund.....		17,121.10
<i>Income from Funds for Morris Infirmary:</i>		
Infirmary Endowment Fund.....	\$460.58	
John W. Pinkham Fund.....	222.91	
		<hr/> 683.49
<i>Income from Fund for Haverford Union:</i>		
Haverford Union Fund.....		74.71
<i>Income from Funds for Scholarships:</i>		
Thomas P. Cope Fund.....	\$259.89	
Edward Yarnall Fund.....	331.48	
Isaiah V. Williamson Fund.....	1,086.70	
Richard T. Jones Scholarship Fund.....	276.68	
Mary M. Johnson Scholarship Fund.....	403.96	
Sarah Marshall Scholarship Fund.....	346.30	
Clementine Cope Fellowship Fund.....	1,223.54	
Isaac Thorne Johnson Scholarship Fund...	247.28	
Caspar Wistar Memorial Scholarship Fund.	245.00	
Walter Carroll Brinton Memorial Fund.....	296.24	
		<hr/> 4,717.07
<i>Income from Funds for the Library:</i>		
Alumni Library Fund.....	\$819.21	
Mary Farnum Brown Library Fund.....	3,645.77	
William H. Jenks Library Fund.....	275.46	
Mary Wistar Brown Williams Library Fund	930.43	
Anna Yarnall Fund.....	469.52	
F. B. Gummere Library Fund.....	24.96	
Edmund Morris Fergusson, Jr., Memorial		
Fund.....	28.67	
		<hr/> 6,194.02
Forward.....		\$147,164.65

HAVERFORD COLLEGE

Forward..... \$147,164.65

Income from Funds for Pensions:

President Sharpless Fund.....	\$2,328.07	
William P. Henszey Fund.....	1,796.65	
Jacob P. Jones Benefit Fund.....	3,280.41	
Pliny Earle Chase Memorial Fund.....	214.26	
Haverford College Pension Fund.....	2,954.97	
		10,574.36

Income from Funds for Special Purposes:

Thomas Shipley Fund.....	\$229.43	
Elliston P. Morris Fund.....	46.85	
John B. Garrett Reading Prize Fund.....	4.06	
Special Endowment Fund.....	490.00	
Elizabeth P. Smith Fund.....	45.40	
Scholarship Improvement Prize Fund.....	98.00	
S. P. Lippincott History Prize Fund.....	98.00	
Francis Stokes Fund.....	208.24	
George Peirce Prize Fund.....	33.90	
		1,273.88

Total Income from all Funds..... \$159,012.89

Income from College Sources:

Board and Tuition:

Cash—College.. \$108,910.57

Graduate

School 517.50

\$109,428.07

Scholarships and Fellowships 13,560.00

\$122,988.07

Board and Tuition for 1922-1923..... 3,265.00

Infirmary..... 1,706.19

Union..... 432.00

Library..... 334.54

Biological Laboratory..... 480.00

Chemical Laboratory..... 1,191.20

Forward..... \$130,397.00 \$159,012.89

TREASURER'S REPORT

Forward	\$130,397.00	\$159,012.89
Physical Laboratory.....	440.17	
Machine Shop and Drawing Room.....	316.28	
Board of Professors.....	1,302.25	
Rents.....	5,076.81	
Stationery.....	1,399.87	
Skating Pond.....	700.00	
Farm.....	729.37	
	<hr/>	140,361.75
<i>Receipts for Account of Previous Years.....</i>		175.99
<i>Insurance Collected on Barn Fire, less expenses.....</i>		23,043.81
<i>Income from College Lane Houses, applied to reduction of debt (first half year).....</i>		3,500.00
<i>Donations:</i>		
For Isaac Sharpless Hall equipment.....	\$250.00	
Books from Class of 1900.....	40.67	
Library.....	15.00	
Prizes.....	95.59	
Extension Committee.....	240.00	
Piano for Roberts Hall by Class of 1924.....	345.85	
New Tennis Courts.....	500.00	
Library Furniture.....	450.00	
New York Scholarship, 1920-1921.....	200.00	
Salaries.....	1,000.00	
Matriculate Catalogue.....	1,745.00	
Campus Club.....	635.85	
Undesignated Purpose.....	45.00	
	<hr/>	5,562.96
<i>Additions to the Funds:</i>		
Francis B. Gummere Memorial Fund, donated.....	\$3,340.00	
Isaac Sharpless Memorial Fund, donated. . .	42,386.00	
General Education Board Fund, donated. . .	60,997.95	
General Endowment Fund, gain from sale of real estate.....	400.00	
	<hr/>	
Forward	\$107,123.95	\$331,657.40

HAVERFORD COLLEGE

Forward	\$107,123 .95	\$331,657 .40
Jacob P. Jones Endowment Fund, sale of rights.....	7,159 .90	
Walter D. and Edith M. L. Scull Fund, final payment by Executor.....	4 .00	
Anna Yarnall Fund, gains on investments realized.....	183 .84	
Haverford Improvement Co., College Lane property turned over to Corporation free of debt.....	175,000 .00	
	<hr/>	289,471 .69
<i>Investments paid off or sold:</i>		
General Endowment Fund.....	\$20,900 .00	
John Farnum Memorial Fund.....	6,500 .00	
Edward L. Scull Fund.....	2,500 .00	
Israel Franklin Whitall Fund.....	8,000 .00	
Jacob P. Jones Endowment Fund.....	196,584 .06	
John Farnum Brown Fund.....	5,000 .00	
Joseph E. Gillingham Fund.....	5,000 .00	
Isaac Sharpless Memorial Fund.....	400 .00	
Moses Brown Fund.....	1,000 .00	
Infirmary Endowment Fund.....	3,000 .00	
Thomas P. Cope Fund.....	1,000 .00	
Edward Yarnall Fund.....	1,000 .00	
Sarah Marshall Scholarship Fund.....	1,000 .00	
Alumni Library Fund.....	3,650 .00	
Mary Farnum Brown Library Fund.....	10,000 .00	
Mary Wistar Brown Williams Fund	5,000 .00	
President Sharpless Fund.....	7,000 .00	
William P. Henszey Fund.....	1,500 .00	
Jacob P. Jones Benefit Fund.....	7,000 .00	
Current account—Demand loan on collateral	9,500 .00	
	<hr/>	295,534 .06
<i>Money borrowed temporarily</i>		77,100 .00
<i>Balances Eighth month 31, 1921:</i>		
In President's account.....	\$6,500 .00	
In Treasurer's account.....	421 .42	
	<hr/>	6,921 .42
		<hr/>
		<u>\$1,000,684 .57</u>

TREASURER'S REPORT

EXPENDITURES

Expenses of Running the College:

Salaries.....	\$110,700. 00	
Provisions.....	36,339. 16	
Wages.....	24,348. 07	
Family Expenses and Furniture.....	8,181. 40	
Fuel and Lights (this is in addition to \$7,487. 13 for coal bought in advance and paid for in previous year).....	12,012. 45	
Lawn and Garden.....	5,290. 64	
Infirmary.....	2,197. 06	
Union.....	253. 80	
Library.....	526. 25	
Biological Laboratory.....	860. 20	
Chemical Laboratory.....	1,309. 73	
Physical Laboratory.....	811. 55	
Machine Shop and Drawing Room.....	844. 15	
Gymnasium and Athletics.....	5,935. 43	
Printing and Advertising.....	1,864. 91	
	<hr/>	\$211,474. 80

Repairs and Improvements (including new Tennis Courts donated).....		16,397. 84
Interest.....	\$4,408. 72	
Taxes.....	6,985. 33	
Insurance.....	4,355. 57	
Incidentals.....	747. 97	
Donation to Merion Fire Co. for new equip- ment (out of insurance received from barn fire).....	500. 00	
	<hr/>	16,997. 59

For Thomas Wistar Brown Graduate School:

Expenses other than salaries from income of Moses Brown Fund.....	7,848. 32
	<hr/>
Total expenses of running the College.....	\$252,718. 55
Forward.....	\$252,718. 55

HAVERFORD COLLEGE

Forward.....	\$252,718.55	
<i>For Scholarships and Fellowships:</i>		
From Income:		
Thomas P. Cope Fund.....	\$150.00	
Edward Yarnall Fund.....	200.00	
Isaiah V. Williamson Fund.....	1,050.00	
Richard T. Jones Scholarship Fund.....	250.00	
Mary M. Johnson Scholarship Fund.....	400.00	
Sarah Marshall Scholarship Fund.....	300.00	
Jacob P. Jones Endowment Fund.....	9,100.00	
Joseph E. Gillingham Fund.....	800.00	
Clementine Cope Fellowship Fund:		
One Fellowship at Massachu-		
setts Institute of Technology	\$500.00	
Three Teaching Fellowships at		
Haverford College.....	900.00	
		1,400.00
Isaac Thorne Johnson Scholarship Fund..	180.00	
Caspar Wistar Memorial Scholarship Fund	120.00	
Walter Carroll Brinton Memorial Fund...	250.00	
		14,200.00
<i>Expenditures from Library Funds:</i>		
Books, etc., from income Alumni Library		
Fund and donation.....	\$912.58	
Books, etc., from income Mary Farnum		
Brown Library Fund.....	2,525.51	
Lectures from income Mary Farnum Brown		
Library Fund.....	400.00	
Books, etc., from income William H. Jenks		
Library Fund.....	287.22	
Books, etc., from income Mary Wistar		
Brown Williams Library Fund.....	926.74	
Taxes from income Anna Yarnall Fund....	486.28	
Books, etc., from income Walter D. and		
Edith M. L. Scull Fund.....	2,076.41	
Books, etc., from income F. B. Gummere		
Library Fund.....	30.01	
Books, etc., from income Edmund Morris		
Fergusson, Jr., Memorial Fund.....	10.45	
		7,655.20
Forward.....	\$274,573.75	

TREASURER'S REPORT

Forward.....		\$274,573.75	
<i>Pensions:</i>			
Annuity from income Pliny Earle Chase			
Memorial Fund.....	\$100.00		
Pensions.....	5,952.00		
			6,052.00
<i>Expenditures from Funds for Special Purposes:</i>			
Prizes from income John Farnum Brown			
Fund.....	\$73.55		
Lectures from income Thomas Shipley Fund	125.00		
Prize from income Elliston P. Morris Fund.	80.00		
Essays on "Fundamentals of Christianity"			
Special Endowment Fund.....	500.00		
Prize from income Elizabeth P. Smith Fund	35.00		
Prizes from income Scholarship Improve-			
ment Prize Fund.....	95.00		
Special expenses for research, etc., from in-			
come Walter D. and Edith M. L. Scull			
Fund.....	624.65		
			1,533.20
<i>Paid out of Special Donations:</i>			
For Prizes.....	\$123.77		
Extension Committee.....	288.95		
Sharpless Hall Equipment.....	304.82		
Piano for Roberts Hall, on account....	188.80		
Library Furniture.....	450.00		
Matriculate Catalogue.....	1,745.00		
Campus Club.....	273.13		
			3,374.47
Temporary Loans, paid off in full.....			125,700.00
<i>Investments made or donated:</i>			
General Endowment Fund.....	\$19,450.50		
Edward L. Scull Fund.....	2,500.00		
Wistar Morris Memorial Fund.....	200.00		
Israel Franklin Whitall Fund.....	8,280.00		
Jacob P. Jones Endowment Fund.....	227,915.77		
John Farnum Brown Fund.....	8,097.00		
Forward.....	\$266,443.27	\$411,233.42	

HAVERFORD COLLEGE

Forward.....	\$266,443.27	\$411,233.42
Clementine Cope Endowment Fund.....	349.50	
James R. Magee Fund.....	87.00	
W. D. and E. M. L Scull Fund.....	40,000.00	
Francis B. Gummere Memorial Fund.....	6,172.40	
Isaac Sharpless Memorial Fund.....	44,672.50	
General Education Board Fund.....	60,925.00	
Haverford Improvement Fund.....	28,000.00	
Moses Brown Fund.....	6,730.50	
Haverford Union Fund.....	666.50	
Thomas P. Cope Fund.....	1,000.00	
Edward Yarnall Fund.....	1,097.50	
Isaiah V. Williamson Fund.....	349.50	
Sarah Marshall Scholarship Fund.....	1,000.00	
Clementine Cope Fellowship Fund.....	300.00	
Walter Carroll Brinton Memorial Fund....	86.37	
Alumni Library Fund.....	3,959.00	
Mary Farnum Brown Library Fund.....	300.00	
William H. Jenks Library Fund.....	752.88	
Mary Wistar Brown Williams Library Fund	4,990.00	
Anna Yarnall Fund.....	666.50	
F. B. Gummere Library Fund.....	100.00	
Edmund Morris Fergusson, Jr., Memorial Fund.....	700.00	
President Sharpless Fund.....	7,266.25	
William P. Henszey Fund.....	1,397.50	
Jacob P. Jones Benefit Fund.....	7,667.75	
Pliny Earle Chase Memorial Fund.....	86.20	
Haverford College Pension Fund.....	9,832.50	
Thomas Shipley Fund.....	172.40	
Current Account—Demand loan on col- lateral.....	30,000.00	
		525,771.02
<i>Deduction from the Funds:</i>		
Loss on bonds donated in 1913 to Mary Farnum Brown Library Fund.....		10,000.00
Forward.....		\$947,004.44

TREASURER'S REPORT

Forward.....	\$947,004.44
<i>Balances</i> Eighth month 31, 1922:	
In President's account.....	\$7,000.00
In Treasurer's account:	
Balance of Principal accounts. \$43,831.47	
Balance of Income accounts. . . 2,848.66	
	————— 46,680.13
	————— 53,680.13
	————— \$1,000,684.57
	—————

FINANCIAL STATEMENT

For the year ending Eighth month 31, 1922

Expenses of running the College as per the foregoing statement of the Treasurer.....	\$252,718. 55
Coal for 1921-1922, bought last year in advance.....	7,487. 13
	<hr/> \$260,205. 68
Net cash receipts for board and tuition, rents, and from all other sources connected with the business of the College..	127,201. 75
	<hr/>
Leaving a deficiency.....	\$133,003. 93
Income from investments and donations applicable to Scholarships and running expenses.....	135,818. 40
	<hr/>
Net surplus for the year.....	\$2,814. 47

STATEMENT OF CORPORATION ACCOUNT

For the year ending Eighth month 31, 1922

On Third month 17, 1922, there was turned over to the Corporation account, free of debt, the "Haverford Improvement" College Lane properties, formerly purchased and held by Trustees, 8.4 acres with 8 dwellings, valued at..... \$175,000. 00

To which is added:

Net gain for the year.....	\$2,814. 47
Receipts for account of previous years....	175. 99
Sinking Fund payments from income of College Lane houses prior to transfer to this account.....	3,500. 00
Transfer of accumulated surplus income in W. D. and E. M. L. Scull Fund.....	2,590. 57
	<hr/> 9,081. 03

Forward \$184,081. 03

TREASURER'S REPORT

Forward.	\$184,081 .03
Less	
Liquidation of College debt, amount reported Eighth month 31, 1921.	155,942. 15
	<hr/>
Leaving a surplus in favor of the Corporation Eighth month 31, 1922.	\$28,138. 88
Invested in undivided share in College Lane real estate, Haverford Improvement Fund	\$28,000. 00
Cash on hand.	138. 88
	<hr/>
	28,138. 88
NOTE.—The undivided shares in the College Lane real estate as of Eighth month 31, 1922, are as follows:	
General Endowment Fund.	\$2,000. 00
Jacob P. Jones Endowment Fund.	76,000. 00
Francis B. Gummere Memorial Fund.	5,000. 00
Isaac Sharpless Memorial Fund.	24,000. 00
W. D. and E. M. L. Scull Fund.	40,000. 00
Haverford Improvement Fund (for the Corporation as above).	28,000. 00
	<hr/>
	\$175,000. 00

REPORT ON EACH FUND

GENERAL ENDOWMENT FUND

Established 1847, and increased from time to time since

Par value of invested funds.....	\$98,400.00
Principal uninvested.....	13,074.52

Total fund.....	\$111,474.52
Income received during the year.....	5,173.22
Paid for general College expenses.....	5,173.22

JOHN FARNUM MEMORIAL FUND

Established 1878, and increased by Legacy of Elizabeth H. Farnum in 1899

The principal of this Fund is held in the names of three Trustees, Asa S. Wing, Charles J. Rhoads and Frederic H. Strawbridge.

Par value of invested funds.....	\$36,500.00
Principal uninvested.....	6,729.73

Total fund.....	\$43,229.73
Income received during the year.....	1,876.54
Paid toward support of Chair endowed by this fund.....	1,876.54

JOHN M. WHITALL FUND

Founded in 1880

Par value of invested funds.....	\$11,000.00
Principal uninvested.....	12.59

Total fund.....	\$11,012.59
Income received during the year.....	475.81
Appropriated for salaries.....	475.81

DAVID SCULL FUND

Founded 1885

Par value of invested funds.....	\$48,200.00
Principal uninvested.....	154.84

Total fund.....	\$48,354.84
Income received during the year.....	1,940.33
Appropriated for salaries.....	1,940.33

TREASURER'S REPORT

EDWARD L. SCULL FUND

Founded 1885

Par value of invested funds.....	\$12,100.00
Principal uninvested.....	289.63
<hr/>	
Total fund.....	\$12,389.63
Income received during the year.....	584.31
Appropriated for salaries.....	584.31

WISTAR MORRIS MEMORIAL FUND

Founded 1892

Par value of invested funds.....	\$5,200.00
Principal uninvested.....	61.74
<hr/>	
Total fund.....	\$5,261.74
Income received during the year.....	231.11
Appropriated for salaries.....	231.11

ISRAEL FRANKLIN WHITALL FUND

Founded 1896

Par value of invested funds.....	\$12,800.00
Principal uninvested.....	30.17
<hr/>	
Total fund.....	\$12,830.17
Income received during the year.....	507.29
Appropriated for salaries.....	507.29

JACOB P. JONES ENDOWMENT FUND

Founded 1897

Par value of invested funds.....	\$1,101,389.00
Principal uninvested.....	159.63
<hr/>	
Total fund.....	\$1,104,548.62
Income received during the year.....	62,219.80
Appropriated for scholarships.....	\$9,100.00
Appropriated for general expenses.....	48,728.12
Spent for taxes and water rent.....	4,391.68
<hr/>	
	62,219.80

This fund also owns 12.292 acres of land in West Philadelphia.

HAVERFORD COLLEGE

JOHN FARNUM BROWN FUND FOR THE STUDY OF THE BIBLE, BIBLICAL HISTORY AND LITERATURE, PHILOSOPHY AND KINDRED SUBJECTS

Founded 1900 and increased later

Par value of invested funds.....	\$290,300.00
Principal uninvested.....	79.39
<hr/>	
Total fund.....	\$290,379.39
Income received during the year.....	12,356.73
Income appropriated for salaries.....	\$11,000.00
Income paid for prizes.....	73.55
Income transferred to principal.....	1,283.18
<hr/>	
	12,356.73

ELLEN WALN FUND

Founded 1900

Par value of invested funds.....	\$12,000.00
Principal uninvested.....	238.10
<hr/>	
Total fund.....	\$12,238.10
Income received during the year.....	543.75
Income appropriated for general expenses.....	543.75

CLEMENTINE COPE ENDOWMENT FUND

Founded 1904

Par value of invested funds.....	\$31,500.00
Principal uninvested.....	34.25
<hr/>	
Total fund.....	\$31,534.25
Income received during the year.....	1,205.48
Income appropriated for general expenses.....	1,205.48

NATHAN BRANSON HILL TRUST

*Fund established in 1904, held in Trust by Minneapolis Trust Company,
Minneapolis, Minn.*

No income received during the year.

TREASURER'S REPORT

JOSEPH E. GILLINGHAM FUND

Founded 1907

Par value of invested funds.....	\$49,000.00
Principal uninvested.....	5,061.39
<hr/>	
Total fund.....	\$54,061.39
Income received during the year.....	2,619.09
Income appropriated for scholarships.....	\$800.00
Income appropriated for general expenses....	1,819.09
<hr/>	
	2,619.09

HENRY NORRIS FUND

Founded 1907

Par value of invested funds.....	\$6,000.00
Principal uninvested.....	48.70
<hr/>	
Total fund.....	\$6,048.70
Income received during the year.....	237.16
Income appropriated for general expenses.....	237.16

ELIZABETH H. FARNUM FUND

Founded 1891

The principal of this Fund is held in trust by The Provident Trust Company of Philadelphia. The first income accrued to the College in 1914.

Par value of invested funds.....	\$10,000.00
Principal uninvested.....	220.00
<hr/>	
Total fund.....	\$10,220.00
Income received during the year.....	593.25
Income appropriated for general expenses.....	593.25

JAMES R. MAGEE FUND

Founded 1915

Par value of invested funds.....	\$10,600.00
Principal uninvested.....	187.37
<hr/>	
Total fund.....	\$10,787.37
Income received during the year.....	420.68
Income appropriated for general expenses.....	420.68

HAVERFORD COLLEGE

ALBERT K. SMILEY FUND

Founded 1915

Par value of invested funds.....	\$1,000.00
Principal uninvested.....	17.50
<hr/>	
Total fund.....	\$1,017.50
Income received during the year.....	44.81
Income appropriated for general expenses.....	44.81

THE HINCHMAN ASTRONOMICAL FUND

Founded 1917

Par value of invested funds.....	\$11,000.00
Principal uninvested.....	40.10
<hr/>	
Total fund.....	\$11,040.10
Income received during the year.....	452.42
Income appropriated for salary of Astronomical professorship.....	452.42

WALTER D. AND EDITH M. L. SCULL FUND

Founded 1918 by legacies from Walter D. and Edith M. L. Scull

Par value of invested funds.....	\$133,485.00
Principal uninvested.....	46.97
<hr/>	
Total fund.....	\$133,531.97
Income on hand at beginning of year.....	\$2,625.98
Income received during the year.....	8,665.65
<hr/>	
	11,291.63
Income appropriated for salary, books, research expenses, etc.....	\$8,701.06
Income transferred to Corporation for overhead expenses.....	2,590.57
<hr/>	
	11,291.63

TREASURER'S REPORT

ALBIN GARRETT MEMORIAL FUND

Founded 1919

Par value of invested funds.....	\$36,000.00
Principal uninvested.....	346.00
<hr/>	
Total fund.....	\$36,346.00
Income received during the year.....	1,386.03
Income appropriated for general purposes.....	1,386.03

ARNOLD CHASE SCATTERGOOD MEMORIAL FUND

Founded 1919

Par value of funds, all invested.....	\$30,000.00
Income received during the year.....	1,249.50
Income appropriated for salaries.....	1,249.50

FRANCIS B. GUMMERE MEMORIAL FUND

Founded 1920

Par value of invested funds.....	\$140,960.00
Principal uninvested.....	260.85
<hr/>	
Total fund.....	\$141,220.85
Income received during the year.....	6,325.92
Appropriated for salaries.....	6,325.92

ISAAC SHARPLESS MEMORIAL FUND

Founded 1920

Par value of invested funds.....	\$161,765.00
Principal uninvested.....	10,350.38
<hr/>	
Total fund.....	\$172,115.38
Income received during the year.....	7,084.67
Appropriated for salaries.....	7,084.67

HAVERFORD COLLEGE

GENERAL EDUCATION BOARD FUND

In 1920 the General Education Board appropriated \$125,000 to Haverford toward the campaign for \$500,000 increase of Endowment Funds. The principal has been turned over to the Corporation in proportion to the donations paid in to the \$500,000 Campaign Fund.

Par value of invested funds.....	\$61,000.00
Principal uninvested.....	72.95

\$61,072.95

Income received for General Education Board	\$6,250.00
Income received from Investments.....	321.23

\$6,571.23

Less accrued interest on bonds purchased....	449.84
--	--------

Net income received during the year.....	\$6,121.39
--	------------

Appropriated for salaries.....	6,121.39
--------------------------------	----------

HAVERFORD IMPROVEMENT FUND

Founded 1922. This fund is new this year

This fund was opened in 1922 to hold the Corporation's undivided interest in the College Lane land and houses.

Par value of undivided share College Lane properties....	\$28,000.00
--	-------------

Income received during the year.....	477.72
--------------------------------------	--------

Income appropriated to general purposes.....	477.72
--	--------

MOSES BROWN FUND

Trust founded by T. Wistar Brown in 1906 and transferred to the College in 1916

Par value of invested funds.....	\$405,100.00
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Principal uninvested.....	151.14
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Total fund.....	\$405,251.14
-----------------	--------------

Income received during the year.....	17,121.10
--------------------------------------	-----------

Income appropriated for salaries.....	\$7,500.00
---------------------------------------	------------

Income appropriated for special lectures....	720.00
--	--------

Forward	\$8,220.00
---------------	------------

TREASURER'S REPORT

Forward	\$8,220 .00	
Income appropriated for School of Oriental Research.....	100 .00	
Income appropriated for rent.....	2,000 .00	
Income appropriated for scholarships.....	375 .00	
Income appropriated for household expenses..	4,451 .10	
Income appropriated for printing and advertising.....	202 .22	
<hr/>		
Total expenditures.....	\$15,348 .32	
Income transferred to principal.....	1,772 .78	
<hr/>		\$17,121 .10

INFIRMARY ENDOWMENT FUND

Founded 1911

Par value of invested funds.....	\$6,750 .00	
Principal uninvested.....	3,000 .94	
<hr/>		
Total fund.....	\$9,750 .94	
Income received during the year.....	460 .58	
Income appropriated to maintenance of Infirmary.....	460 .58	

JOHN W. PINKHAM FUND

Founded 1911

Par value of invested funds.....	\$5,000 .00	
Principal uninvested.....	59 .50	
<hr/>		
Total fund.....	\$5,059 .50	
Income received during the year.....	222 .91	
Income appropriated to maintenance of Infirmary.....	222 .91	

HAVERFORD UNION FUND

Founded 1920

Par value of invested funds.....	\$2,000 .00	
Principal uninvested.....	12 .09	
<hr/>		
Total fund.....	\$2,012 .09	
Income received during the year.....	74 .71	
Income appropriated to maintenance of the Union.....	74 .71	

Haverford College

THOMAS P. COPE FUND

Founded 1842

Par value of invested funds.....	\$6,000 00
Principal uninvested.....	142 50
<hr/>	
Total fund.....	\$6,142 69
Income on hand at beginning of the year.....	\$38 48
Income received during the year.....	259 89
<hr/>	
	298 37
Income appropriated for one Thomas P. Cope Scholarship.....	150 00
<hr/>	
Income on hand at end of year.....	\$148 37

EDWARD YARNALL FUND

Founded 1860

Par value of invested funds.....	\$6,600 00
Principal uninvested.....	12 60
<hr/>	
Total fund.....	\$6,612 60
Income on hand at beginning of the year.....	\$12 34
Income received during the year.....	331 48
<hr/>	
	343 82
Income appropriated for Edward Yarnall Scholarship.....	200 00
<hr/>	
Income on hand at end of year.....	\$143 82

ISAAH V. WILLIAMSON FUND

Founded 1876 and increased 1883

Par value of invested funds.....	\$23,300 00
Principal uninvested.....	130 88
<hr/>	
Total fund.....	\$23,430 88
Income received during the year.....	1,086 70
Income appropriated for two I. V. Williamson Scholarships.....	1,050 00
<hr/>	
Income on hand at end of year.....	\$36 70

TREASURER'S REPORT

RICHARD T. JONES SCHOLARSHIP FUND

Founded by Will of Jacob P. Jones, 1885

Par value of invested funds.....	\$5,000.00	
Principal uninvested.....	56.25	
		<hr/>
Total fund.....	\$5,056.25	
Income on hand at beginning of year.....	\$22.74	
Income received during the year.....	276.68	
		<hr/>
		299.42
Paid for one Richard T. Jones Scholarship.....	250.00	
		<hr/>
Income on hand at end of year.....	\$49.42	

MARY M. JOHNSON SCHOLARSHIP FUND

Founded 1897

Par value of invested funds.....	\$9,000.00	
Principal uninvested.....	53.35	
		<hr/>
Total fund.....	\$9,053.35	
Income on hand at beginning of year.....	\$155.93	
Income received during the year.....	403.96	
		<hr/>
		559.89
Income appropriated for Mary M. Johnson Scholarships..	400.00	
		<hr/>
Income on hand at end of year.....	\$159.89	

SARAH MARSHALL SCHOLARSHIP FUND

Founded 1897

Par value of invested funds.....	\$8,000.00	
Principal uninvested.....	19.99	
		<hr/>
Total fund.....	\$8,019.99	
Income on hand at beginning of the year.....	\$29.21	
Income received during the year.....	346.30	
		<hr/>
		375.51
Paid for two Sarah Marshall Scholarships.....	300.00	
		<hr/>
Income on hand at end of the year.....	\$75.51	

HAVERFORD COLLEGE

CLEMENTINE COPE FELLOWSHIP FUND

Founded 1899

Par value of invested funds.....	\$27,400 .00
Principal uninvested.....	2.93
<hr/>	
Total fund.....	\$27,402.93
Income on hand at beginning of the year.....	\$560.85
Income received during the year.....	1,223.54
<hr/>	
	1,784.39
Income appropriated for Clementine Cope Fellowships:	
One at Mass. Inst. of Technology.....	\$500.00
Three Teaching Fellowships at Haverford....	900.00
<hr/>	
	1,400.00
<hr/>	
Income on hand at end of year.....	\$384.39

ISAAC THORNE JOHNSON SCHOLARSHIP FUND

Founded 1916

Par value of invested funds.....	\$5,000 .00
Principal uninvested.....	621.96
<hr/>	
Total fund.....	\$5,621.96
Income on hand at beginning of year.....	\$498.43
Income received during the year.....	247.28
<hr/>	
	745.71
Income appropriated for one Isaac Thorne	
Johnson Scholarship.....	\$180.00
Income transferred to principal.....	565.71
<hr/>	
	\$745.71

CASPAR WISTAR MEMORIAL SCHOLARSHIP FUND

Founded 1920

Par value of funds, all invested.....	\$5,000 .00
Income on hand at beginning of year.....	\$45.00
Income received during the year.....	245.00
<hr/>	
	290.00
Income appropriated for Caspar Wistar Memorial Scholar-	
ship.....	120.00
<hr/>	
Income on hand at end of year.....	\$170.00

TREASURER'S REPORT

WALTER CARROLL BRINTON MEMORIAL FUND

Founded 1920

Par value of invested funds.....	\$5,100.00
Principal uninvested.....	6.13
	<hr/>
Total fund.....	\$5,106.13
Income overspent at beginning of year.....	\$100.49
Income appropriated for Walter Carroll Brin-	
ton Memorial Scholarship.....	250.00
	<hr/>
	350.49
Income received during the year.....	296.24
	<hr/>
Income overspent at end of year.....	\$54.25

ALUMNI LIBRARY FUND

Established by the Alumni Association, 1863

Par value of invested funds.....	\$18,900.00
Principal uninvested.....	360.78
	<hr/>
Total fund.....	\$19,260.78
Income overspent at beginning of year.....	\$346.87
Appropriated for books, etc.....	912.58
	<hr/>
	1,259.45
Income received during the year.....	\$819.21
Special donation for the Library.....	15.00
	<hr/>
	834.21
	<hr/>
Income overspent at end of year.....	\$425.24

MARY FARNUM BROWN LIBRARY FUND

Founded 1892

Par value invested funds.....	\$85,300.00
Principal uninvested.....	20.69
	<hr/>
Total fund.....	\$85,320.69

The reduction of \$10,000 par value as compared to last year is caused by loss of bonds wiped out through foreclosure of mortgage ahead. The bonds were donated in 1913 by the founder of the Fund.

HAVERFORD COLLEGE

Income overspent at beginning of year.....	\$801.80	
Income appropriated for books, etc.....	2,525.51	
Income appropriated for lectures.....	400.00	
		<hr/> \$3,727.31
Income received during the year.....		3,645.77
		<hr/>
Income overspent at end of year.....		\$81.54

WILLIAM H. JENKS LIBRARY FUND

Founded 1910

Par value of invested funds.....	\$6,100.00	
Principal uninvested.....	2.12	
		<hr/>
Total fund.....		\$6,102.12
Income on hand at beginning of the year....	\$265.37	
Income received during the year.....	275.46	
		<hr/> 540.83
Income used for purchase of books, etc.....		287.22
		<hr/>
Income on hand at end of year.....		\$253.61

MARY WISTAR BROWN WILLIAMS LIBRARY FUND

Founded 1914

Par value of invested funds.....	\$20,000.00	
Principal uninvested.....	331.74	
		<hr/>
Total fund.....		\$20,331.74
Income on hand at beginning of year.....	\$57.32	
Income received during the year.....	930.43	
		<hr/> 987.75
Income appropriated for books, etc.....		926.74
		<hr/>
Income on hand at end of year.....		\$61.01

TREASURER'S REPORT

ANNA YARNALL FUND

Founded 1916

Par value of invested funds.....	\$10,000.00
Principal uninvested.....	43.12

Total fund.....	\$10,043.12
Income on hand at beginning of year.....	\$106.48
Income received during the year.....	469.52
	<hr/>
	576.00
Paid toward taxes, etc.....	486.28
	<hr/>
Income on hand at end of year.....	\$89.72

This fund also owns one-half interest in seventy-three acres in Delaware County, Pennsylvania.

F. B. GUMMERE LIBRARY FUND

Founded 1920

Par value of invested funds.....	\$100.00
Principal uninvested.....	535.47

Total fund.....	\$635.47
Income on hand at end of year.....	\$8.86
Income received during the year.....	24.96
	<hr/>
	33.82
Income appropriated for books.....	30.01
	<hr/>
Income on hand at end of year.....	\$3.81

EDMUND MORRIS FERGUSON JR. CLASS OF 1920 MEMORIAL FUND

Founded 1920

Par value of funds, all invested.....	\$1,000.00
Income on hand at beginning of year.....	\$0.91
Income received during the year.....	28.67
	<hr/>
	29.58
Income appropriated for books.....	10.45
	<hr/>
Income on hand at end of year.....	\$19.13

HAVERFORD COLLEGE

PRESIDENT SHARPLESS FUND

Founded 1907

Par value of invested funds.....	\$46,500.00
Principal uninvested.....	84.91
<hr/>	
Total fund.....	\$46,584.91
Income received during the year.....	2,328.07
Income transferred to Haverford College Pension Fund	
Income.....	2,328.07

WILLIAM P. HENSZEY FUND

Founded 1908 by gift. Increased 1909 by legacy

Par value of invested funds.....	\$36,400.00
Principal uninvested.....	294.66
<hr/>	
Total fund.....	\$36,694.66
Income received during the year.....	1,796.65
Pension transferred to Haverford College Pension Fund	
Income.....	1,796.65

JACOB P. JONES BENEFIT FUND

Founded 1909 from proceeds of land sold for account Jacob P. Jones Legacy

Par value of invested funds.....	\$69,950.00
Principal uninvested.....	61.99
<hr/>	
Total fund.....	\$70,011.99
Income received during the year.....	3,280.41
Income transferred to Haverford College Pension Fund	
Income.....	3,280.41

PLINY EARLE CHASE MEMORIAL FUND

Founded 1909

Par value of invested funds.....	\$4,400.00
Principal uninvested.....	4.04
<hr/>	
Total fund.....	\$4,404.04

TREASURER'S REPORT

Income received during the year.....	\$214.26
Income paid to annuitant.....	\$100.00
Income transferred to Haverford College	
Pension Fund Income.....	114.26
	214.26

HAVERFORD COLLEGE PENSION FUND

*Founded 1910 and added to since from accumulations of unused Income
from the different Pension Funds*

Par value of invested funds.....	\$72,600.00
Less overinvested and due to the Corporation.....	68.64
	Total fund.....
	\$72,531.36
Income received during the year.....	\$2,954.97
Income transferred from other Pension Funds	7,519.39
	10,474.36
Appropriated for pensions.....	\$5,952.00
Income added to principal.....	4,522.36
	10,474.36

THOMAS SHIPLEY FUND

Founded 1904

Par value of invested funds.....	\$5,200.00
Principal uninvested.....	52.60
	Total fund.....
	\$5,252.60
Income on hand at beginning of the year....	\$373.88
Income received during the year.....	229.43
	603.31
Income appropriated for lectures.....	125.00
	Income on hand at end of year.....
	\$478.31

ELLISTON P. MORRIS FUND

Founded 1906

Par value of invested funds.....	\$1,000.00
Principal uninvested.....	188.75
	Total fund.....
	\$1,188.75

HAVERFORD COLLEGE

Income on hand at beginning of year.....	\$326.83	
Income received during the year.....	46.85	
		\$373.68
Income appropriated for Elliston P. Morris Prize for Peace Essay.....		80.00
Income on hand at end of year.....		\$293.68

JOHN B. GARRETT READING PRIZE FUND

Founded 1908

Par value of invested funds, less paid on account (all in default).....		\$1,900.00
Principal uninvested.....		100.00
Total fund.....		\$2,000.00
Income on hand at beginning of year.....	\$8.13	
Income received during the year.....	4.06	
Income on hand at end of the year.....		12.19

SPECIAL ENDOWMENT FUND

Founded 1909

Par value of funds, all invested.....		\$12,000.00
Income on hand at beginning of the year.....	\$993.21	
Income received during the year.....	490.00	
		1,483.21
Income appropriated for essays on Christian Fundamentals		500.00
Income on hand at end of year.....		\$983.21

SCHOLARSHIP IMPROVEMENT PRIZE FUND

Founded 1913

Par value of funds, all invested.....		\$2,000.00
Income on hand at beginning of the year.....	\$18.00	
Income received during the year.....	98.00	
		116.00
Income appropriated for prizes.....		95.00
Income on hand at end of the year.....		\$21.00

TREASURER'S REPORT

ELIZABETH P. SMITH FUND

Founded 1915

Par value of invested funds.....		\$1,000.00
Principal uninvested.....		32.00
		<hr/>
Total fund.....		\$1,032.00
Income on hand at beginning of the year.....	\$218.73	
Income received during the year.....	45.40	
		<hr/>
		264.13
Income appropriated for prize.....		35.00
		<hr/>
Income on hand at end of the year.....		\$229.13

S. P. LIPPINCOTT HISTORY PRIZE FUND

Founded 1917

Par value of funds, all invested.....		\$2,500.00
Income on hand at beginning of year.....	\$141.00	
Income received during year.....	98.00	
		<hr/>
Income on hand at end of year.....		\$239.00

FRANCIS STOKES FUND

Founded 1919

Par value of funds, all invested.....		\$5,000.00
Income on hand at beginning of year.....	\$103.01	
Income received during the year.....	208.24	
		<hr/>
Income on hand at end of year.....		311.25

GEORGE PEIRCE PRIZE FUND

Founded in 1919. Increased in 1920

Par value of funds, all invested.....		\$1,000.00
Income on hand at beginning of year.....	\$30.85	
Income received during the year.....	53.90	
		<hr/>
Income on hand at end of year.....		84.75

SUMMARY OF THE FUNDS

Funds for General College Purposes:

General Endowment Fund.....	\$111,474.52
John Farnum Memorial Fund.....	43,229.73
John M. Whitall Fund.....	11,012.59
David Scull Fund.....	48,354.84
Edward L. Scull Fund.....	12,389.63
Wistar Morris Memorial Fund.....	5,261.74
Israel Franklin Whitall Fund.....	12,830.17
Jacob P. Jones Endowment Fund.....	1,104,548.62
John Farnum Brown Fund.....	290,379.39
Ellen Waln Fund.....	12,238.10
Clementine Cope Endowment Fund.....	31,534.25
Joseph E. Gillingham Fund.....	54,061.39
Henry Norris Fund.....	6,048.70
Elizabeth H. Farnum Fund.....	10,220.00
James R. Magee Fund.....	10,787.37
Albert K. Smiley Fund.....	1,017.50
Hinchman Astronomical Fund.....	11,040.10
Walter D. and Edith M. L. Scull Fund...	133,531.97
Albin Garrett Memorial Fund.....	36,346.00
Arnold Chase Scattergood Memorial Fund	30,000.00
Francis B. Gummere Memorial Fund.....	141,220.85
Isaac Sharpless Memorial Fund.....	172,115.38
General Education Board Fund.....	61,072.95
Haverford Improvement Fund.....	28,000.00
	\$2,378,715.79

Fund for Thomas Wistar Brown Graduate School:

Moses Brown Fund.....	405,251.14
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Funds for Morris Infirmary:

Infirmary Endowment Fund.....	\$9,750.94
John W. Pinkham Fund.....	5,059.50
	14,810.44

Forward.....	\$2,798,777.37
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TREASURER'S REPORT

Forward.....	\$2,798,777.37	
<i>Fund for the Union:</i>		
Haverford Union Fund.....	2,012.09	
<i>Funds for Scholarships:</i>		
Thomas P. Cope Fund.....	\$6,142.69	
Edward Yarnall Fund.....	6,612.60	
Isaiah V. Williamson Fund.....	23,430.88	
Richard T. Jones Scholarship Fund.....	5,056.25	
Mary M. Johnson Scholarship Fund.....	9,053.35	
Sarah Marshall Scholarship Fund.....	8,019.99	
Clementine Cope Fellowship Fund.....	27,402.93	
Isaac Thorne Johnson Scholarship Fund..	5,621.96	
Caspar Wistar Memorial Scholarship Fund	5,000.00	
Walter Carroll Brinton Memorial Fund...	5,106.13	
	<hr/>	\$101,446.78
<i>Funds for the Library:</i>		
Alumni Library Fund.....	\$19,260.78	
Mary Farnum Brown Library Fund.....	85,320.69	
William H. Jenks Library Fund.....	6,102.12	
Mary Wistar Brown Williams Library		
Fund.....	20,331.74	
Anna Yarnall Fund.....	10,043.12	
F. B. Gummere Library Fund.....	635.47	
Edward Morris Fergusson, Jr., Memorial		
Fund.....	1,000.00	
	<hr/>	142,693.92
<i>Funds for Pensions:</i>		
President Sharpless Fund.....	\$46,584.91	
William P. Henszey Fund.....	36,694.66	
Jacob P. Jones Benefit Fund.....	70,011.99	
Pliny Earle Chase Memorial Fund.....	4,404.04	
Haverford College Pension Fund.....	72,531.36	
	<hr/>	230,226.96
Forward.....	\$3,275,157.12	

HAVERFORD COLLEGE

Forward.....\$3,275,157.12

Funds for Special Purposes:

Thomas Shipley Fund.....	\$5,252.60
Elliston P. Morris Fund.....	1,188.75
John B. Garrett Reading Prize Fund.....	2,000.00
Special Endowment Fund.....	12,000.00
Elizabeth P. Smith Fund.....	2,000.00
Scholarship Improvement Prize Fund.....	1,032.00
S. P. Lippincott History Prize Fund.....	2,500.00
Francis Stokes Fund.....	5,000.00
George Peirce Prize Fund.....	1,000.00
	31,973.35

Total par value of all the Funds.....\$3,307,130.47

Being \$148,167.76 more than reported one year ago,
as follows:

By final receipt from Executor of Walter D. and Edith M. L. Scull Fund.....	\$4.00
By additional donations from Alumni and friends of Haverford College to the Francis B. Gummere Memorial Fund...	3,340.00
By additional donations from Alumni and friends of Haverford College to the Isaac Sharpless Memorial Fund.....	42,386.00
By gift from General Education Board on account of its pledge of \$125,000 toward the General Education Board Fund....	60,997.95
	\$106,727.95
By undivided share of College Lane real estate after payment of debt of the Corporation, Haverford Improvement Fund.....	19,000.00
	Forward.....\$125,727.95

TREASURER'S REPORT

Forward.....	\$125,727.95	
<i>Gains:</i>		
Gain from realization of investments, sale of rights, etc.:		
General Endowment Fund.....	\$400.00	
Jacob P. Jones Endowment Fund.....	7,159.90	
Anna Yarnall Fund.....	183.84	
		7,743.74
Income credited to Principal:		
John Farnum Brown Fund.....	\$1,283.18	
Moses Brown Fund.....	1,772.78	
Isaac Thorne Johnson Scholarship Fund	565.71	
Haverford College Pension Fund.....	4,522.36	
		8,144.03
Surplus income invested in increasing undivided share in College Lane real estate, Haverford Improve- ment Fund.....		9,000.00
Difference between cost and par of securities bought and exchanged.....		7,552.04
		\$158,167.76
<i>Less:</i>		
Loss on bonds donated by T. Wistar Brown to Mary Farnum Brown Library Fund.....		10,000.00
		\$148,167.76

HAVERFORD COLLEGE

AUDIT

We have examined the cash book and accounts of J. Henry Scattergood, Treasurer of the Corporation of Haverford College, for the year ending Eighth month 31, 1922, and find them to agree with the statement of receipts and payments shown in the foregoing account.

We have compared the payments made with vouchers and receipts for all disbursements and find same to be correct.

The cash balance at the end of the fiscal year in the hands of the Treasurer was \$46,680.13, and the balance to be accounted for by the President \$7,000.00 as stated.

In the sub-account of the Haverford Improvement Fund, there is a cash balance of undistributed income of \$95.66 carried over and not yet distributed into the general accounts.

(Signed) W. A. BATTEY,

(Signed) W. C. WEBSTER,

Auditing Committee.

Philadelphia, Tenth month 5, 1922.

We have examined the securities belonging to the Corporation of Haverford College, Eighth month 31, 1922, and find them to agree with the foregoing statement of the Treasurer. |

(Signed) JONATHAN M. STEERE,

(Signed) EDWARD W. EVANS,

Auditing Committee.

Philadelphia, Tenth month 10, 1922.

DONATIONS

For the year ending Eighth month 31, 1922

Isaac Sharpless Hall:

T. Chalkley Palmer.....	\$75.00	
S. D. Warriner.....	150.00	
James W. Fry.....	25.00	
		\$250.00

For Books:

Class of 1900.....	40.67
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For Library:

Miss Ellen Winsor.....	15.00
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For Prizes:

Class of 1896.....	\$20.00	
Class of 1898.....	21.00	
Class of 1902.....	24.59	
L. W. Reid.....	30.00	
		95.59

For Extension Committee's Work:

Alumni Association.....	240.00
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For Piano:

Class of 1924.....	345.85
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For New Tennis Courts:

Frederic H. Strawbridge.....	500.00
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For Library Furniture:

Mrs. Henry G. Leach.....	450.00
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For Scholarship:

New York Alumni.....	200.00
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Forward.....	\$2,137.11
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HAVERFORD COLLEGE

Forward		\$2,137.11
<i>For Salaries:</i>		
A. F. Huston.....		1,000.00
<i>For Matriculate Catalogue Fund:</i>		
Albert L. Baily.....	\$50.00	
A. H. Bolles.....	10.00	
William B. Broomall.....	25.00	
Joel Cadbury.....	25.00	
Alfred M. Collins.....	50.00	
Henry Cope.....	100.00	
Alexander P. Corbit.....	50.00	
Thomas Evans.....	20.00	
Harold Evans.....	10.00	
Alfred C. Garrett.....	25.00	
John B. Garrett.....	20.00	
Morris White Gates.....	10.00	
A. F. Huston.....	100.00	
Charles L. Huston.....	100.00	
Samuel E. Hilles.....	15.00	
Walter S. Hinchman.....	10.00	
Walter C. Janney.....	25.00	
William M. C. Kimber.....	20.00	
Franklin B. Kirkbride.....	10.00	
Morris E. Leeds.....	25.00	
Paul D. I. Maier.....	5.00	
Alfred Mellor.....	100.00	
Christopher C. Morris.....	25.00	
Lawrence J. Morris.....	25.00	
Marriott C. Morris.....	10.00	
William P. Morris.....	25.00	
Walter T. Moore.....	10.00	
Arthur V. Morton.....	10.00	
T. Chalkley Palmer.....	25.00	
Frederic P. Ristine.....	5.00	
Alfred G. Scattergood.....	100.00	
Joseph W. Sharp, Jr.....	10.00	
Forward	\$365.00	\$3,137.11

DONATIONS

Forward.....		\$3,137 .11
Henry W. Stokes.....	50 .00	
J. Stoddell Stokes.....	50 .00	
S. Emlen Stokes.....	10 .00	
Alfred Percival Smith.....	100 .00	
Horace E. Smith.....	50 .00	
Frederic H. Strawbridge.....	100 .00	
Francis H. Taylor.....	15 .00	
George Thomas, 3d.....	10 .00	
W. Graham Tyler.....	10 .00	
W. Nelson L. West.....	25 .00	
John M. Whittall.....	100 .00	
Parker S. Williams.....	100 .00	
Francis A. White.....	15 .00	
Miles White.....	10 .00	
Richard J. White.....	5 .00	
Gifford K. Wright.....	10 .00	
Alexander C. Wood.....	10 .00	
Walter Wood.....	25 .00	
		<hr/>
		1,745 .00
<i>For Campus:</i>		
Campus Club.....		635 .85
<i>For—Purpose to be determined later:</i>		
J. B. Barker.....		45 .00
		<hr/>
Total of Sundry Donations		\$5,562 .96
<i>Francis B. Gummere Memorial Fund:</i>		
Francis G. Allinson.....	\$50 .00	
Frederick S. Bigelow.....	100 .00	
George H. Buzby (deceased).....	200 .00	
J. Howard Buzby.....	400 .00	
Minturn Post Collins.....	100 .00	
Colby D. Dam.....	50 .00	
Philip Donald Folwell.....	250 .00	
Henry V. Gummere.....	25 .00	
William H. Haines, Jr.....	250 .00	
		<hr/>
Forward.....	\$1,425.00	

HAVERFORD COLLEGE

Forward.....	\$1,425.00
Edward Y. Hartshorne.....	15.00
William W. Hastings.....	50.00
Walter W. Haviland.....	25.00
Eugene C. Lewis.....	100.00
W. Clark Little.....	50.00
Joseph W. Mott.....	1,000.00
Dr. Henry Pleasants, Jr.....	50.00
A. Glyndon Priestman.....	100.00
Walter C. Sandt.....	25.00
Alfred Percival Smith.....	500.00
	<hr/> \$3,340.00

Sundry additional contributions have been paid on account to E. R. Tatnall, Treasurer of the Alumni Fund, and will be turned over to the Corporation when full amounts have been received.

Isaac Sharpless Memorial Fund:

Percival R. Allen.....	\$6.00
Francis G. Allinson.....	50.00
William K. Alsop.....	500.00
Frank E. Bader.....	25.00
Albert L. Baily.....	100.00
William L. Baily.....	250.00
Henry L. Balderston.....	50.00
William John Bawden.....	50.00
Henry S. Bernard.....	25.00
John S. Bradway.....	50.00
Franklin N. Brewer.....	50.00
Edward G. Brinton.....	25.00
Paul W. Brown.....	50.00
Daniel L. Burgess.....	150.00
William J. Burns.....	30.00
J. Warren Burket.....	100.00
Howard Burtt.....	100.00
George H. Buzby (deceased).....	350.00
J. Howard Buzby.....	350.00
	<hr/>
Forward.....	\$2,311.00

DONATIONS

Forward	\$2,311 .00
Walter Carson.....	100 .00
John D. Carter.....	75 .00
Andrew B. Caswell.....	100 .00
Donald Chandler.....	100 .00
Arthur H. Cleveland.....	50 .00
Edward H. Coates (deceased).....	100 .00
Alfred M. Collins.....	1,000 .00
Benjamin Collins, Jr.....	50 .00
Minturn Post Collins.....	200 .00
Edward H. Cook.....	100 .00
Miss Mary E. Converse.....	300 .00
Miss Caroline E. Cope.....	3,000 .00
Alexander P. Corbit.....	500 .00
Charles T. Cottrell.....	75 .00
Philip L. Corson.....	100 .00
Charles E. Cox.....	50 .00
Loring P. Crosman.....	30 .00
William S. Crowder.....	300 .00
Edward W. David.....	150 .00
Aubrey C. Dickson.....	100 .00
A. Lovett Dewees.....	80 .00
Harry A. Domincovich.....	300 .00
Henry S. Drinker.....	600 .00
Charles W. Edgerton.....	100 .00
James S. Ellison.....	100 .00
J. Passmore Elkinton.....	600 .00
John T. Emlen.....	150 .00
James Emlen.....	100 .00
Rodney M. Eshleman.....	25 .00
Christian Febiger.....	650 .00
William S. Febiger.....	200 .00
Philip D. Folwell.....	750 .00
Edward D. Freeman.....	50 .00
Mrs. Philip C. Garrett.....	1,000 .00
Herbert Van B. Gallagher.....	100 .00
<hr/>	
Forward.....	\$13,596 .00

HAVERFORD COLLEGE

Forward.....	\$13,596.00
Arthur H. Goddard.....	50.00
Edgar B. Graves.....	75.00
Kane S. Green.....	500.00
G. Randle Grimes.....	30.00
Henry V. Gummere.....	75.00
William H. Haines.....	250.00
Harry C. Hartman.....	50.00
Edward Y. Hartshorne.....	10.00
Walter W. Haviland.....	25.00
Walter S. Hinchman.....	1,000.00
Garrett S. Hoag.....	150.00
Charles R. Hoover.....	50.00
Furman S. Howson.....	150.00
Hubert A. Howson.....	250.00
Isaac T. Johnson.....	300.00
Ernest F. Jones.....	200.00
Paul Jones.....	1,000.00
William M. C. Kimber.....	500.00
Harvey Klock.....	100.00
Alexander Laverty.....	50.00
Morris E. Leeds.....	825.00
Philip L. Leidy.....	100.00
Eugene C. Lewis.....	200.00
W. Clark Little.....	50.00
M. Albert Linton.....	500.00
Edward R. Longstreth.....	150.00
Robert P. Lowry.....	25.00
Edward F. Lukens.....	50.00
Louis C. O. Lusson.....	50.00
Thomas McConnell, 3d.....	150.00
Rowland P. McKinley.....	50.00
James P. Magill.....	100.00
J. Sidney Marine.....	25.00
Stephen W. Meader.....	50.00
Ralph Mellor.....	300.00
William O. Mendenhall.....	50.00
<hr/>	
Forward.....	\$21,086.00

DONATIONS

Forward.....	\$21,086.00
Ulric J. Mengert.....	30.00
Samuel W. Mifflin.....	100.00
John D. Miller.....	45.00
Paul V. R. Miller.....	150.00
Robert E. Miller.....	50.00
Edwin D. Miner.....	100.00
Gilbert H. Moore.....	100.00
S. Rowland Morgan.....	500.00
Christopher C. Morris.....	2,000.00
Joseph H. Morris.....	50.00
Effingham C. Murray.....	50.00
Rev. Frederic O. Musser.....	60.00
Samuel Albert Nock.....	50.00
Jose Padin.....	300.00
Dr. Gilbert J. Palen.....	200.00
J. Hollowell Parker.....	50.00
Walter Palmer.....	200.00
Thomas Parke.....	110.00
T. Chalkley Palmer.....	1,000.00
Harry W. Pfund.....	50.00
Dr. Henry Pleasants, Jr.....	50.00
Edward A. G. Porter.....	100.00
A. Glyndon Priestman.....	200.00
Edward E. Quimby.....	200.00
J. Howard Redfield.....	20.00
W. L. Rhoads.....	75.00
Charles S. Ristine.....	50.00
Frederic P. Ristine.....	300.00
Christopher Roberts.....	60.00
Charles H. Rogers.....	150.00
Edward C. Rossmassler.....	500.00
Alden Sampson.....	500.00
Walter C. Sandt.....	25.00
Schuyler F. Seager.....	100.00
Richard G. Sagebeer.....	25.00

Forward..... \$28,636.00

HAVERFORD COLLEGE

Forward.....	\$28,636.00
In Memory of Arnold Chase Scattergood..	2,500.00
Wendell D. Schoch.....	75.00
Carl F. Scott.....	50.00
Roderick Scott.....	15.00
Dr. Frederic C. Sharpless.....	200.00
Thomas E. Shipley.....	100.00
Charles M. Shupert.....	15.00
Francis S. Silver.....	50.00
Alfred Percival Smith.....	1,000.00
Charles H. Smith.....	100.00
Joseph H. Smith.....	30.00
Jesse B. Stanley.....	25.00
Jonathan M. Steere.....	500.00
Frederick P. Stieff.....	500.00
Henry W. Stokes.....	2,500.00
F. J. Stokes.....	1,000.00
Dr. Joseph Stokes.....	50.00
Frederic H. Strawbridge.....	1,000.00
C. Wharton Stork.....	580.00
Dr. H. Longstreet Taylor.....	100.00
J. Walter Tebbetts.....	25.00
Chester J. Teller.....	100.00
John W. Thacher.....	50.00
Alfred J. Townsend.....	50.00
Wilson Townsend.....	200.00
Richard Tunis.....	200.00
Alexander N. Warner.....	750.00
William Webb.....	50.00
George M. Weber.....	25.00
A. H. Wilson.....	75.00
Louis R. Wilson.....	25.00
L. Hollingsworth Wood.....	300.00
Walter H. Wood.....	10.00
William C. Wood.....	1,000.00
Gifford K. Wright.....	500.00

\$42,386.00

NOTE.—Sundry additional contributions have been paid on account to E. R. Tatnall, Treasurer of the Alumni Fund, and will be turned over to the Corporation when full amounts have been received.

DONATIONS

For General Education Board Fund:

General Education Board, on account of Income.	\$6,250 .00
On account of Principal.	60,997 .95

ENDOWMENT FUNDS

GENERAL ENDOWMENT FUND

Founded in 1847 with subscriptions of \$50,000 by a number of Friends. Additions were made as follows: 1868, from an anonymous source, \$5,000; 1869, bequest of Ann Haines to increase the compensation of professors, \$2,670; 1870, bequest of Richard D. Wood, \$18,682.86; 1872, from William Evans, \$1,000; 1874, from executors of Jesse George, deceased, \$5,000; 1880, bequest of Dr. Joseph W. Taylor, \$5,000; 1901, legacy of Ann Williams, \$2,425.50. Present par value, \$111,474.52. The income is used for salaries and for scholarships, the latter usually to the amount of \$1,200 per annum.

JOHN FARNUM MEMORIAL FUND

Founded in 1878 by the heirs of John Farnum by gift of \$25,000 as a memorial to him. Added to in 1899 by legacy of \$10,000 from Elizabeth H. Farnum, widow of John Farnum. Present par value, \$43,229.73. The income only is to be used to endow a "professorship of some practical science or literature." The chair of chemistry was designated as the "John Farnum Professor of Chemistry." The principal is held in the names of three Trustees for the benefit of the Corporation of Haverford College.

JOHN M. WHITALL FUND

Founded in 1880 by bequest of \$10,000 from John M. Whitall, Sr. Present par value, \$11,012.59. The bequest is upon the condition that the art of drawing, especially mechanical drawing, shall be taught, and the income only is to be used and for this purpose.

DAVID SCULL FUND

Founded in 1885 by bequest of \$40,000 from David Scull, Sr. Present par value, \$48,354.84. The income only is to be used to endow a professorship. The chair of biology was designated as the "David Scull Professor of Biology."

ENDOWMENT FUNDS

EDWARD L. SCULL FUND

Founded in 1885 by net bequest of \$9,500 from Edward L. Scull, '64. This legacy was to the General Endowment Fund, but in 1888 it was set apart as a separate fund. Present par value, \$12,389.63. The income only is to be used. The bequest is free from any legally binding conditions, but it was the testator's desire "that some judicious means shall be employed by the Managers to further advise students on the subjects of diet and reading."

WISTAR MORRIS MEMORIAL FUND

Founded in 1892 by gift of \$5,000 in bonds by Mary Morris, widow of Wistar Morris, as a memorial to him. Present par value, \$5,261.74. There are no restrictions. The income is used for general college purposes.

ISRAEL FRANKLIN WHITALL FUND

Founded in 1896 by net legacy of \$9,667.83 from Israel Franklin Whittall. Present par value, \$12,830.17. The income only is to be used for the payment of professors or teachers.

JACOB P. JONES ENDOWMENT FUND

Founded in 1897 by residuary legacy of Jacob P. Jones. This amounted when received to par value of \$279,021.60 and sundry real estate. The real estate, except 12.292 acres, has been sold. Present par value of the fund, \$1,104,548.62. The income only is to be used for general college purposes, and out of said income there shall be admitted a portion at least of the students either free of charge or at reduced rates. In accordance with this provision, \$9,200 per annum is used for scholarships, and the balance of income for general college purposes. Jacob P. Jones' will contains the following: "My hope is that under the blessing and favor of God there will come from this source a revenue which shall be productive of growth and vigor in the institution as well as help at this critical period of their lives to many deserving young men of slender patrimony."

HAVERFORD COLLEGE

JOHN FARNUM BROWN FUND FOR THE STUDY OF THE BIBLE, BIBLICAL HISTORY AND LITERATURE, PHILOSOPHY AND KINDRED SUBJECTS

Founded in 1900 by T. Wistar Brown as a memorial to his son, John Farnum Brown, '93. The original gift was in securities of a par value of \$58,000, shortly afterward increased by a further gift of \$5,000. Additional gifts by T. Wistar Brown were made as follows: in 1910, \$5,000 and \$10,000; in 1911, \$20,612.29; in 1912, \$30,000 par value of securities. Present par value, \$290,379.39. The income only is to be used for the purpose of making provision for the regular study of the Bible and Biblical history and literature, and as way opens for religious teaching. In 1910, the scope and title of the Fund were enlarged to include "and Philosophy and Kindred Subjects." Income up to \$200 may be used for prizes in Biblical Literature and Philosophy. At least ten per cent of the total income of this fund must be capitalized each year, as must also all unused income at the close of each fiscal year.

ELLEN WALN FUND

Founded in 1900 by legacy of \$10,000 from Ellen Waln. Present par value, \$12,238.10. There are no restrictions. The income is used for general college purposes.

CLEMENTINE COPE ENDOWMENT FUND

Founded in 1904 by bequest of \$25,000 from Clementine Cope. Present par value, \$31,534.25. There are no restrictions. The income is used for general college purposes.

NATHAN BRANSON HILL TRUST

Founded in 1904 by deposit with Minneapolis Trust Co., Minneapolis, Minn., trustee, of a paid-up life insurance policy for \$5,000 by Samuel Hill, '78, being in memory of his father, Nathan Branson Hill. The income is to be used to aid the maintenance of Haverford College so long as it shall remain under the auspices of the Society of Friends. At present the only income is from dividends upon the above policy.

ENDOWMENT FUNDS

JOSEPH E. GILLINGHAM FUND

Founded in 1907 by bequest of \$50,000 from Joseph E. Gillingham. Present par value, \$54,061.39. The testator said, "I request, but I do not direct, that part of the income of this legacy may be used for free scholarships for meritorious students." In accordance with this request, \$800 is appropriated annually from the income for scholarships, the balance being used for general college purposes.

HENRY NORRIS FUND

Founded in 1907 by bequest of \$5,000 from Henry Norris. Present par value, \$6,048.70. There are no restrictions. The income is used for general college purposes.

ELIZABETH H. FARNUM FUND

Founded in 1891. The original principal of this fund, amounting to \$10,000, is held by the Provident Trust Co. of Philadelphia under a deed of trust created by Elizabeth H. Farnum. The first income accrued to the College in 1914. Present par value, \$10,220.00. There are no restrictions as to the use of the income, and same is applied to general college purposes.

JAMES R. MAGEE FUND

Founded in 1915 by bequest of \$10,000 from James R. Magee, '59. Present par value, \$10,787.37. There are no restrictions except that the income only is to be used. This has been applied to general college purposes. The will provides for a further bequest to the College upon the death of sisters of the testator.

ALBERT K. SMILEY FUND

Founded in 1915 by gift of \$1,000 from Daniel Smiley, '78, as a memorial to his brother, Albert K. Smiley, '49. Present par value, \$1,017.50. There are no restrictions except that preference was expressed that the income only should be used. This has been applied to general college purposes.

HAVERFORD COLLEGE

THE HINCHMAN ASTRONOMICAL FUND

Founded in 1917 by bequest of \$10,000 par value of securities from Charles S. Hinchman. Present par value, \$11,040.10. The income only to be used "to increase the salary of the astronomical professorship so as to provide a suitable instructor in the ennobling study of the heavens."

WALTER D. AND EDITH M. L. SCULL FUND

Founded in 1918 by bequest of Walter D. Scull, whose death followed shortly after the death of his sister, Edith M. L. Scull. Each left his or her estate to the other, unless predeceased; in this latter case both American estates were left to Haverford College. Both were children of Gideon D. Scull, '43, and resided in England. Income accumulated before the receipt of the fund by the College amounted to \$16,887.66, of which \$15,078.51 has been added to the principal of the fund. Present par value, \$133,531.97. The fund was created to establish a professorship of modern English constitutional history, and the chair has been designated as the Walter D. and Edith M. L. Scull Professorship of History.

ALBIN GARRETT MEMORIAL FUND

Founded in 1919 by legacy of \$25,000 from Mary Hickman Garrett, in memory of her late husband, Albin Garrett, '64. Present par value, \$36,346.00. There are no restrictions. The income is used for general college purposes.

ARNOLD CHASE SCATTERGOOD MEMORIAL FUND

Founded in 1919 by gift of \$30,000 in securities from Maria Chase Scattergood in memory of her son, Arnold Chase Scattergood, of the Class of 1919, who died in his Junior year. Present par value, \$30,000. The income only is to be used toward the payment of professors' salaries. Should Haverford at any time in the future give instruction or offer courses in Military Training, the fund must be surrendered to Committee on Education of Yearly Meeting of Friends of Philadelphia.

ENDOWMENT FUNDS

FRANCIS B. GUMMERE MEMORIAL FUND

Founded in 1920. This fund was started by a gift of \$25,000 from Miss Emily H. Bourne, of New York, conditional upon the raising of \$100,000 additional for an endowment of the Chair of English Literature in memory of her friend, Professor Francis Barton Gummere. A committee of alumni, consisting of J. Stoddell Stokes, '89, chairman; E. R. Tatnall, '07, treasurer; Hans Froelicher, '12, secretary; Charles J. Rhoads, '93; Alfred M. Collins, '97; Winthrop Sargent, Jr., '08, and Parker S. Williams, '94, working with President Comfort, organized a comprehensive campaign among the alumni and friends of the College to raise \$500,000 for this purpose and for increases of professors' salaries; the first \$100,000 of unspecified gifts was used to complete the Francis B. Gummere Memorial Fund to at least \$125,000, and the balance comprised the Isaac Sharpless Memorial Fund. Total par value, \$141,-220.85.

ISAAC SHARPLESS MEMORIAL FUND

Founded in 1920. The alumni of the College conducted during 1920 a campaign for \$500,000 additional endowment for the College to make possible additional salaries to the professors. Appeal was made to found two new funds, the Francis B. Gummere Memorial Fund and the Isaac Sharpless Memorial Fund. The funds received, except where otherwise specified, were first applied to the completion of the former up to \$125,000 (see above). Specified gifts and donations thereafter received were then applied to the Isaac Sharpless Memorial Fund. The income only is to be used for salaries of professors. Total par value, \$172,115.38.

GENERAL EDUCATION BOARD FUND

The General Education Board of New York appropriated \$125,000 in 1920 to the campaign for increase of endowment when the Francis B. Gummere Memorial Fund and the Isaac Sharpless Memorial Fund were raised. Interest at five per cent has been paid from that time, and \$60,997.95 principal has been turned over to the Corporation being pro rata to payments thus far made to the above funds. Total par value, \$61,072.95.

HAVERFORD COLLEGE

HAVERFORD IMPROVEMENT FUND

Founded in 1922 to hold the Corporation's undivided share in College Lane land and eight houses. This property was turned over to the Corporation free of debt on Third month 17, 1922, and with same the then debt of the Corporation amounting to \$155,942.15 was liquidated. The fund started with an undivided interest of \$19,000. There was added during the year \$9,000 and the fund now amounts to \$28,000. The income is used for general college purposes.

The College Lane land was purchased in 1886 for the benefit of the College by David Scull, Justus C. Strawbridge, Richard Wood and Francis Stokes, Managers of the College and now all deceased. With contributions raised by them and by mortgages on which they went on the bonds, funds were raised to build six dwelling houses, and two houses were built by the Corporation itself. From the income of the houses the debt against the properties was gradually reduced until it was entirely liquidated in 1919. The net income from 1919 until 1922, when the property was turned over to the Corporation, was applied toward the reduction of the Corporation's debt.

MOSES BROWN FUND

A trust founded by T. Wistar Brown in 1906, as a memorial to his father, Moses Brown. Transferred to the College in 1916 after his death, having at that time a par value of \$372,821.91. Present par value, \$405,251.14. The fund was created to establish a graduate course in religious study in harmony with and supplementary to the teaching and study provided for by the John Farnum Brown Fund. The income only is to be used; at least ten per cent of the total income must be capitalized each year. The unused income, if any, is likewise capitalized at the close of each fiscal year. The graduate school supported by the Moses Brown Fund is designated "The Thomas Wistar Brown Graduate School."

INFIRMARY ENDOWMENT FUND

Founded in 1911 from subscriptions totaling \$9,072.55, raised among alumni and friends of the College. Present par value, \$9,750.94. The income is used toward the expenses of the Morris Infirmary.

ENDOWMENT FUNDS

JOHN W. PINKHAM FUND

Founded in 1911 by legacy of \$5,000 from Dr. John W. Pinkham, '60, being transmitted by gift from his widow, Cornelia F. Pinkham. Present par value, \$5,059.50. There are no binding conditions, but as she expressed an interest in the Morris Infirmary, then building, the Board of Managers directed that the income of this fund should be used in the support and maintenance of the Infirmary.

HAVERFORD UNION FUND

Founded in 1920 by gift of \$1,000 par value of bond, \$678.59 cash, and all the personal property in the Union from the Haverford College Union. The College assumed the responsibility for the care of the building First month 16, 1920. The income is used toward the maintenance of the Union building. Present par value, \$2,012.09.

THOMAS P. COPE FUND

Founded in 1842 by gift of sixty shares of Lehigh Coal and Navigation Co. stock, par value \$3,000, from Thomas P. Cope. Present par value, \$6,142.69. The income only is to be used "for the education of young men to qualify them to become teachers, but who are not of ability to pay their own schooling." The fund sustains the Thomas P. Cope Scholarships.

EDWARD YARNALL FUND

Founded in 1860 by bequest of \$5,000 from Edward Yarnall. Present par value, \$6,612.60. The income only is to be used for "the support of free scholarships." The fund sustains the Edward Yarnall Scholarships.

ISAIAH V. WILLIAMSON FUND

Founded in 1876 and increased in 1883 by gifts of sundry ground rents from Isaiah V. Williamson. Present par value, \$23,430.88. The income only is to be used for free scholarships or part scholarships. The fund sustains the Isaiah V. Williamson Scholarships.

HAVERFORD COLLEGE

RICHARD T. JONES SCHOLARSHIP FUND

Founded in 1885 by bequest of \$5,000 from Jacob P. Jones as a memorial to his late son, Richard T. Jones. Present par value, \$5,056.25. The income only to be used to sustain the "Richard T. Jones Scholarship."

MARY M. JOHNSON SCHOLARSHIP FUND

Founded in 1897 by bequest of \$5,000 from Mary M. Johnson. Accrued interest before payment to the College increased the fund by \$3,062.95. Present par value, \$9,053.35. The bequest was to establish a "perpetual scholarship." The fund sustains the Mary M. Johnson Scholarships.

SARAH MARSHALL SCHOLARSHIP FUND

Founded in 1897 by bequest of \$5,000 from Sarah Marshall. Accrued interest before payment to the College increased the fund by \$2,589.49. Present par value, \$8,019.99. The bequest was to establish a "perpetual scholarship." The fund sustains the Sarah Marshall Scholarships.

CLEMENTINE COPE FELLOWSHIP FUND

Founded in 1899 by gift of \$25,000 from Clementine Cope. Present par value, \$27,402.93. The gift was to establish the "Clementine Cope Fellowship Fund to assist worthy and promising graduates of Haverford College in continuing their course of study at Haverford or at some other institution of learning in this country or abroad." The selection of the Fellows is made by the Board of Managers upon nomination by the Faculty.

ISAAC THORNE JOHNSON SCHOLARSHIP FUND

Founded in 1916 by gift of \$5,000 from Isaac Thorne Johnson, '81. Present par value, \$5,621.96. The gift was to establish "The Isaac Thorne Johnson Scholarship to aid and assist worthy young men of Wilmington Yearly Meeting or of the Central West to enjoy the privileges of Haverford College."

ENDOWMENT FUNDS

CASPAR WISTAR MEMORIAL SCHOLARSHIP FUND

Founded in 1920 by gift of Edward M. and Margaret C. Wistar of \$5,000 par value in bonds in memory of their son, Caspar Wistar, of the Class of 1902, who died in Guatemala in 1917 while engaged in mission service in that country. The income only is to be used for scholarships, primarily for sons of parents engaged in Christian service, including secretaries of Young Men's Christian Associations, or students desiring preparation for similar service in America or other countries. Present par value, \$5,000.

WALTER CARROLL BRINTON MEMORIAL FUND

Founded in 1920 by gift of \$5,000 by the family of Walter Carroll Brinton, Class of 1915, who died in France Twelfth month 8, 1918, while engaged in reconstruction work. The fund sustains the Walter Carroll Brinton Scholarship. Present par value, \$5,106.13.

ALUMNI LIBRARY FUND

Founded in 1863 by contributions from the alumni and other friends of the College. In 1909 the unexpended balance (about \$5,000) of a fund of \$10,000 raised in 1892, and known as the "New Library Fund," was merged into the Alumni Library Fund. Present par value, \$19,260.78. The income is used for the purchase of books, etc., for the Library.

MARY FARNUM BROWN LIBRARY FUND

Founded in 1892 by gift of \$20,000 from T. Wistar Brown, executor of the Estate of Mary Farnum Brown. Additions were made by T. Wistar Brown in 1894, \$10,000 for a lecture fund, and in 1913, \$20,000. In 1916, after T. Wistar Brown's death, there was added to this fund \$34,499.78 par value of securities, being a trust which he had created for this purpose in 1908 and to which he had made additions in subsequent years. Present par value, \$85,320.69. The purpose of this fund (except \$10,000) is for the increase and extension of the Library. The income only is to be used for the purchase of books, and one-fifth of same is to be spent for books promoting the increase of Christian

HAVERFORD COLLEGE

knowledge. The books purchased with the income of this fund are marked by a special book-plate. The income of \$10,000 of the fund is to provide for an annual course of lectures upon Biblical subjects designated "The Haverford Library Lectures." Unused income from this fund, if any, is capitalized at the end of each fiscal year.

WILLIAM H. JENKS LIBRARY FUND

Founded in 1910 by gift of \$5,000 from Hannah M. Jenks, widow of William H. Jenks. The fund was first known as "Special Library Fund," but after the death of Hannah M. Jenks was changed, in 1916, to "William H. Jenks Library Fund." Present par value, \$6,102.12. The purpose of this fund is that the income shall be used for the care of the collection of Friends' books made by William H. Jenks and given by his widow to Haverford College, and to make appropriate additions thereto. Any income not used for these purposes may be used toward the general needs of the Library.

MARY WISTAR BROWN WILLIAMS LIBRARY FUND

Founded in 1914 by gift of \$20,000 from Parker S. Williams, '94, as a memorial to his late wife, Mary Wistar Brown Williams. Present par value, \$20,331.74. The income only is to be used for the purchase of books for the Library, preferably books coming within the classes of history, poetry, art, and English and French literature. The books purchased with the income of this fund are marked by a special book-plate.

ANNA YARNALL FUND

Founded in 1916 by residuary bequest of \$7,000 par value of securities and one-half interest in suburban real estate from Anna Yarnall. Additional amount under bequest was received in 1918. Present par value, \$10,043.12, the real estate not yet having been sold. The bequest was made for the general use of the Library. The testatrix says, "I do not wish to restrict the managers as to the particular application of this fund, but desire them to use the income arising from it as in their best judgment and discretion shall seem best, for the purchase of books and manuscripts, book cases, rebinding of books, and, if need be, the prin-

ENDOWMENT FUNDS

incipal or portions thereof, or the income or portions thereof, for additions to the present Library building, or the erection of new Library buildings. I direct that all books purchased with this fund shall be plainly marked "Charles Yarnall Memorial" in memory of my father, Charles Yarnall."

F. B. GUMMERE LIBRARY FUND

Founded in 1920 by gift of \$635.47, raised among the students by the Students' Association of the College as a memorial to Professor Francis Barton Gummere. The income only is to be used to buy for the Haverford College Library books on the subjects that he taught or was interested in.

The Students' Association voted also to raise twenty-five dollars for a special shelf in the Library to be known as the "F. B. Gummere Memorial Shelf." This shelf, with its proper inscription, holds the books purchased by this fund. Present par value, \$635.47.

EDMUND MORRIS FERGUSSON, JR., CLASS OF 1920 MEMORIAL FUND

Founded in 1920 by memorial gift of one thousand dollars from the family of Edmund Morris Fergusson, Jr., Class of 1920, who died at the College in his Senior year. The income only is to be used for the maintenance and increase of the Library's Department of English and American Literature. The books purchased with the income of this fund are marked by a special book-plate indicating its source. Present par value, \$1,000.

PRESIDENT SHARPLESS FUND

Founded in 1907 by contributions from interested friends of the College, finally amounting to \$40,000. Present par value, \$46,584.91. The income is to be used for the teachers and professors of Haverford College as the President of the College and his successors, with the approval of the Board of Managers, may decide. The income from this fund is annually transferred to the Haverford College Pension Fund for pensions, or, if not needed for pensions, is capitalized in said fund.

HAVERFORD COLLEGE

WILLIAM P. HENSZEY FUND

Founded in 1908 by gift of \$10,000 from William P. Henszey, donated in connection with the raising of the President Sharpless Fund, but kept as a separate fund. Increased in 1909 by legacy of \$25,000 from William P. Henszey. Present par value, \$36,694.66. The income is to be used, as in the President Sharpless Fund, for the teachers and professors of Haverford College as the President of the College and his successors, with the approval of the Board of Managers, may decide. The income from this fund is annually transferred to the Haverford College Pension Fund for pensions, or, if not needed for pensions, is capitalized in said fund.

JACOB P. JONES BENEFIT FUND

Founded in 1909 and increased in 1910 by proceeds of land sold for account of Jacob P. Jones legacy. Present par value, \$70,011.99. The income is to be used, as in the President Sharpless Fund, for the teachers and professors of Haverford College as the President of the College and his successors, with the approval of the Board of Managers, may decide. The income from this fund is annually transferred to the Haverford College Pension Fund for pensions, or, if not needed for pensions, is capitalized in said fund.

PLINY EARLE CHASE MEMORIAL FUND

Founded in 1909 by transfer to the College of a fund raised in 1887 in memory of Professor Pliny Earle Chase, and amounting to par value of \$4,390.24. Present par value, \$4,404.04. The income of this fund is applied first to a \$100 life annuity, and the balance, as in the President Sharpless Fund, for the teachers and professors of Haverford College as the President of the College and his successors, with the approval of the Board of Managers, may decide. Upon the death of the life annuitant, all of the income will be so used. This income is transferred annually to the Haverford College Pension Fund for pensions, or, if not needed for pensions, is capitalized in said fund.

HAVERFORD COLLEGE PENSION FUND

Founded in 1910 and added to since, being accumulations of income from the President Sharpless Fund, the William P. Henszey Fund

ENDOWMENT FUNDS

the Jacob P. Jones Benefit Fund and the Pliny Earle Chase Memorial Fund, not needed for pensions. Present par value, \$72,531.36. The income from this fund, together with the income from the four above-mentioned funds, is used for pensions, and if not needed for pensions is capitalized in this fund.

THOMAS SHIPLEY FUND

Founded in 1904 by gift of \$5,000 from Samuel R. Shipley as a memorial to his father, Thomas Shipley. Present par value, \$5,252.60. The income only to be used for lectures on English Literature at the College. In case of actual need, at the discretion of the President of the College, the income can be used for general expenditures.

ELLISTON P. MORRIS FUND

Founded in 1906 by gift of \$1,000 from Elliston P. Morris, '48. Present par value, \$1,188.75. The income is to be used as a prize for essays to be written by students on the subject of Arbitration and Peace. "The Elliston P. Morris Prize" of \$80 is given in alternate years, the competition being open to all undergraduates and to graduates of one year's standing.

JOHN B. GARRETT READING PRIZE FUND

Founded in 1908 by gift of \$2,000 par value of bonds by John B. Garrett, '54. Present par value, \$2,000, but bonds are in default. It was the purpose of the donor to ensure the permanence of a prize or prizes for Systematic Reading, amounting to \$100 annually, which he had given for a number of years.

SPECIAL ENDOWMENT FUND

Founded in 1909 by gift of \$12,000 par value of bonds from an anonymous donor. Present par value, \$12,000. The income only of this fund to be used "to furnish opportunity for study of social and economic and religious conditions and duties connected therewith, especially from a Christian point of view." The income is used toward the expenses of Summer Schools for Religious Study, which have been held at Haverford College from time to time.

HAVERFORD COLLEGE

SCHOLARSHIP IMPROVEMENT PRIZE FUND

Founded in 1913 by gift of \$2,000 par value of bonds from John L. Scull, '05. Present par value, \$2,000. The income only to be used to establish two prizes of \$50 and \$45 annually to the two students in the graduating class showing the most marked and steady improvement in scholarship during their college course.

ELIZABETH P. SMITH FUND

Founded in 1915 by bequest of \$1,000 from Elizabeth P. Smith. Present par value, \$1,032.00. The income only to be used as a prize for the best essays on Peace written by the students of the College.

S. P. LIPPINCOTT HISTORY PRIZE FUND

Founded in 1917 by gift of \$2,500 par value of bonds from beneficiary of the estate of S. P. Lippincott, '86. Present par value, \$2,500. The income only to be used as an annual history prize, which is designated "The S. P. Lippincott History Prize."

FRANCIS STOKES FUND

Founded in 1909 by gift of \$5,000 in securities from Francis J. Stokes, '94, in memory of his father, Francis Stokes, of the Class of 1852, and a Manager of Haverford from 1885 until his death in 1916. Present par value, \$5,000. The income is to be used for extending the planting of trees and shrubs on the College grounds. The wish is expressed, but not as a binding condition of the gift, that the Campus Club should have the direction of the expenditure of this income.

GEORGE PEIRCE PRIZE FUND

Founded in 1919 by gift of \$600, and increased in 1920 by further gift of \$400, from Harold and Charlotte C. Peirce in memory of their deceased son, George Peirce, '03. Present par value, \$1,000. The income only is to be used for a prize, to be called the George Peirce Prize in Chemistry or Mathematics, to the student who, in the opinion of the Faculty, has shown marked proficiency in either or in both of these studies and who wishes to follow a profession which calls for such preparation.

ENDOWMENT FUNDS

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Frederick S. Bigelow.....	21
Prof. Elihu Grant.....	35
Mrs. S. H. Shearman.....	13
and many others one or more each.	

STATED MEETINGS OF THE CORPORATION AND THE MANAGERS

The Annual Meeting of "The Corporation of Haverford College" is held on the second Third-day in the Tenth month, at 3 o'clock P. M.

The Stated Meeting of the Managers are held on the third Sixth-day in the First, Third, Fifth, Ninth and Eleventh months.

LEGACIES

The friends of the College, including former students, and all who are interested in the promotion of sound learning, are invited to consider the College in the disposition of their estates by will.

FORM OF LEGACY

*I give and bequeath (if personal)—devise (if real)—
to "The Corporation of Haverford College," the sum of
.....(or
if real estate, describe it).....to
have and to hold to them, their successors and assigns, to the
use of the said "The Corporation of Haverford College," their
successors and assigns.*

FEB 1 5 1923

LIBRARY OF
HAVERFORD COLLEGE
HAVERFORD, PA.

HAVERFORD COLLEGE BULLETIN

VOL. XXI

JANUARY, 1923

No. 3

Catalogue

1922—1923



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CATALOGUE
OF
HAVERFORD COLLEGE
1922-1923



HAVERFORD, PA.



1923



September	S	M	T	W	T	F	S	November	S	M	T	W	T	F	S		
							1								1	2	3
	2	3	4	5	6	7	8		4	5	6	7	8	9	10		
	9	10	11	12	13	14	15		11	12	13	14	15	16	17		
	16	17	18	19	20	21	22		18	19	20	21	22	23	24		
	23	24	25	26	27	28	29		25	26	27	28	29	30			
30																	

October	S	M	T	W	T	F	S	December	S	M	T	W	T	F	S	
		1	2	3	4	5	6									1
	7	8	9	10	11	12	13		2	3	4	5	6	7	8	
	14	15	16	17	18	19	20		9	10	11	12	13	14	15	
	21	22	23	24	25	26	27		16	17	18	19	20	21	22	
	28	29	30	31					23	24	25	26	27	28	29	
								30	31							



1924



	S	M	T	W	T	F	S		S	M	T	W	T	F	S
January			1	2	3	4	5	April			1	2	3	4	5
	6	7	8	9	10	11	12		6	7	8	9	10	11	12
	13	14	15	16	17	18	19		13	14	15	16	17	18	19
	20	21	22	23	24	25	26		20	21	22	23	24	25	26
	27	28	29	30	31				27	28	29	30			
	S	M	T	W	T	F	S		S	M	T	W	T	F	S
February						1	2	May					1	2	3
	3	4	5	6	7	8	9		4	5	6	7	8	9	10
	10	11	12	13	14	15	16		11	12	13	14	15	16	17
	17	18	19	20	21	22	23		18	19	20	21	22	23	24
	24	25	26	27	28	29			25	26	27	28	29	30	31
	S	M	T	W	T	F	S		S	M	T	W	T	F	S
March							1	June	1	2	3	4	5	6	7
	2	3	4	5	6	7	8		8	9	10	11	12	13	14
	9	10	11	12	13	14	15		15	16	17	18	19	20	21
	16	17	18	19	20	21	22		22	23	24	25	26	27	28
	23	24	25	26	27	28	29		29	30					
	30	31													

COLLEGE DAYS IN HEAVY TYPE

CALENDAR

1923-1924

Winter Recess ends, 8.30 A. M. Jan. 4, 1923
Second Half-year begins, 8.30 A. M. Feb. 5
Third Quarter ends, 1.00 P. M. Mar. 24
Spring Recess begins, 1.00 P. M. Mar. 24
Spring Recess ends, 8.30 A. M. April 2
Senior Class Day June 14
Commencement and Alumni Day June 15

Special Examinations for Admission Sept. 17, 18, 19
College Year, 1923-1924, begins, 9.10 A. M. Sept. 20
First Quarter ends, 4.00 P. M. Nov. 14
Thanksgiving Recess Nov. 29, 30, Dec. 1
Winter Recess begins, 4.00 P. M. Dec. 19
Winter Recess ends, 8.30 A. M. Jan. 3, 1924
Second Half-year begins, 8.30 A. M. Feb. 4
Third Quarter ends, 1.00 P. M. Mar. 29
Spring Recess begins, 1.00 P. M. Mar. 29
Spring Recess ends, 8.30 A. M. April 7
Senior Class Day June 12
Commencement and Alumni Day June 13

HAVERFORD COLLEGE

HISTORY AND DESCRIPTION

Haverford College was founded in 1833. It owes its origin to the insight and energy of a few members of the Society of Friends from Philadelphia and New York, who, in the spring of 1830, conceived the idea of founding an institution for education in the higher branches of learning. Its object, in the words of the founders, was "to combine sound and liberal instruction in literature and science with a religious care over the morals and manners, thus affording to the youth of our Society an opportunity of acquiring an education equal in all respects to that which can be obtained at colleges."

The founders were incorporated in 1833 under the laws of the Commonwealth of Pennsylvania into the Haverford School Association, a body now known as the Corporation of Haverford College. This corporation elects a board of managers for the control of its affairs and for the administration of its funds. For the founding of the School sixty thousand dollars was raised; but the sum proved insufficient for its maintenance, and for many years the financial deficit was met by liberal subscriptions of friends.

From 1845 to 1848 the School was closed in order to allow the funds to accumulate and to give time for the collection of an endowment. Since that time, by a number of generous bequests and donations, the amount of invested funds yielding interest has been increased to over three million dollars.

The first building of the College was Founders Hall, erected in 1833. The Observatory was built in 1852, and

enlarged in 1883. Alumni Hall was built in 1863, and enlarged in 1898 and 1912 to meet the growing needs of the Library. In 1877 Barclay Hall, a dormitory, was erected by friends of the College. The Mechanical Laboratory was established in 1884, and was provided with a new building in 1890; this was burned down in 1896, and Whitall Hall, a new three-story structure, was built. The old Biological Laboratory was established in 1886; Chase Hall for lectures and recitations, and the old Physical Laboratory were built in 1888. The Cricket Shed was erected in 1893. In more recent years, during a period of rapid development made possible largely by the general and unfailing co-operation of the alumni, the following additions have been made to the College equipment: in 1899, the Logan and Norris sections of Lloyd Hall, a dormitory; in 1900, a large and well-equipped Gymnasium; in 1903, Roberts Hall, the gift of Lucy Branson Roberts, with College offices and a large auditorium; in 1903, Merion Hall, a dormitory, remodeled from the old Haverford Grammar School building; in 1905, an additional wing to Founders Hall for dining halls and kitchen; in 1906, a permanent building for the heating and lighting plant; in 1907, the enlargement of Merion Hall; in 1909, the Haverford Union, a building presented by Alfred Percival Smith, '84; in 1910, the Lyman Beecher Hall Chemistry Laboratory; in 1912, the Morris Infirmary, given by John T. Morris, '67; in 1913, a new section of Lloyd Hall, given by the estate of the late Justus C. Strawbridge, and a concrete grandstand, the gift of Horace E. Smith, '86; in 1916, the Smith section of Lloyd Hall, from the same donor, and the Kinsey section; in 1917, Isaac Sharpless Hall, for biology and physics. In addition to these College buildings

there are a number of residences on the grounds which are occupied for the most part by professors.

The College has a pleasant and healthful location in the township of Haverford, Delaware County, Pennsylvania, nine miles west of the center of Philadelphia. It is accessible by the main line of the Pennsylvania Railroad and by the Philadelphia and Western Railway. The selection of this site is thus described by the first managers: "We wished to procure a farm in a neighborhood of unquestionable salubrity—within a short distance of a Friends' meeting—of easy access from this city at all seasons of the year . . . recommended by the beauty of the scenery and a retired situation." And they reported that they had purchased for the sum of \$17,865 "an oblong tract of 198½ acres . . . nearly south of the *eight mile* stone on the Lancaster Turnpike." This property has since been increased to two hundred and twenty-five acres with an estimated present value of over one and one-half million dollars. While a portion is retained as farm and woodland, a lawn of sixty acres was long ago graded and tastefully planted with trees and shrubs by a landscape gardener, so that the natural beauty of the location has increased with passing years. The grounds include five fields for cricket, baseball, American Rugby and association football, a running-track, six tennis courts, and a pond for skating.

Parallel with its material growth there have been changes in the inner life of the College which have affected the methods of administration rather than the essential principles on which the institution was founded. It has gradually increased in number of students, but still enjoys the advantages of a small college. From the first it gave instruction of collegiate scope and grade. Accordingly, in

1856, the name was changed from *school* to *college* and the right to confer degrees was granted by the Legislature. In 1861 the preparatory department was abolished. General courses are now given in arts and science. The endowment for salaries and pensions enables the College to maintain a faculty of unusual size in proportion to the number of students, and to expend for the instruction, board, and lodging of each student about twice the sum which he pays.

In accordance with the modern ideals of religious and moral education, the students enjoy ample liberty, safeguarded by their wholesome physical life, by the traditions of the College, and by the intimate association with their professors and fellow students. The deep religious spirit bequeathed by the Quaker founders has been carefully cherished and high ideals of life and conduct are maintained; three times a month the College attends Friends' meeting in a body. In the admission of students and in the appointment of instructors there are no denominational distinctions. The aims of Haverford have been gradually developing and its function is becoming more and more clear—"to encourage the growth, among a limited number of young men, of vigorous bodies, scholarly minds, strong characters, and a real religious experience."

CORPORATION

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ASA S. WING.....409 Chestnut St., Phila.

Secretary

J. STODDELL STOKES.....Summerdale, Phila

Treasurer

J. HENRY SCATTERGOOD.....355 Bourse Building, Phila.

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MORRIS E. LEEDS.....4901 Stenton Ave., Germantown, Phila.

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FREDERIC H. STRAWBRIDGE	J. STOGDELL STOKES

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WILLIAM H. HAINES	CHARLES J. RHOADS
JONATHAN M. STEERE	

Committee on Accounts

J. STOGDELL STOKES	EDWARD W. EVANS
JONATHAN M. STEERE	RICHARD D. WOOD

Committee on College Property and Farm

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JOHN M. WHITALL	T. CHALKLEY PALMER
ABRAM F. HUSTON	ARTHUR H. THOMAS
WILLIAM A. BATTEY	

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RICHARD M. GUMMERE	MORRIS E. LEEDS

Counsel

GEORGE VAUX, JR.	PARKER S. WILLIAMS*
	Commercial Trust Bldg., Phila.

Alumni Advisory Committee Representative

WALTER C. WEBSTER*
2 Rector St., N. Y.

The President of the Corporation is *ex-officio* a member of all standing committees.

* Invited to attend all Board Meetings.

FACULTY*

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President

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Professor of Economics

LEGH WILBER REID, PH.D.
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FREDERIC PALMER, JR., PH.D.
Dean and Professor of Physics

WILLIAM EDWARD LUNT, PH.D.
Walter D. and Edith M. L. Scull Professor of English
Constitutional History

* Arranged in order of appointment to present rank.

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Thomas Wistar Brown Graduate School

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Professor of History and Curator of Quaker Collections

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Professor of Engineering

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Professor of Sociology and Social Work

DEAN PUTNAM LOCKWOOD, PH.D.

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Associate Professor of Mathematics

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Associate Professor of Chemistry

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Registrar and Assistant Professor of Drawing

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JOHN ALEXANDER KELLY, PH.D.

Assistant Professor of German

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Assistant Professor of Romance Languages

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Lecturer in English

ARLINGTON EVANS
Instructor in Physical Training

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Assistant Librarian

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Assistant in the Engineering Laboratory

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Assistant in Hygiene

RICHARD GRAFFLIN SAGEBEER, A.B.
Assistant in Physics

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Curriculum

PRESIDENT COMFORT, Chairman

PROFESSORS PRATT, REID, LUNT and LOCKWOOD

Catalogue

PROFESSOR WILSON, Chairman

PROFESSORS SNYDER and POST

ADMISSION

Preliminary correspondence concerning admission to the College is invited, and should be addressed to the President, who will be glad to advise with candidates regarding their preparatory course. Candidates for admission to the Freshman Class shall make application on a blank which will be furnished on request. (See page 86.) It is well to make application two or three years in advance, as the number of students accepted is strictly limited by the present dormitory space.

Each candidate shall also present a certificate of character from the principal of the school last attended. Principals are requested to write fully as to the character, habits, and ability of applicants. Such statements, as well as other pertinent information which may be sought by the College, will have due weight in determining the admission of candidates.

The subjects which may be presented for admission are divided into two groups in accordance with the following table. The figures given represent "units" according to the system of the Carnegie Foundation.*

Group I (required of all candidates) :

English 1	}	.....	3
English 2			
Mathematics A 1	}	.....	2
Mathematics A 2			
Mathematics C		.....	1
One History		.....	1

* "A unit represents a year's study in any subject in a secondary school, constituting approximately a quarter of a full year's work. A four years' secondary school curriculum should be regarded as representing not more than sixteen units of work."

Group II (elective) :

Latin 1	1
Latin 2 or 6	1
Two-year Latin (Cp2)*	2
Latin 4	1
Latin 5	1
Two-year Greek (Cp2)	2
Third year Greek (Greek H)	1
German A (Cp2)	2
German B	1
French A (Cp2)	2
French B	1
Spanish A (Cp2)	2
Spanish B	1
Botany	1
Chemistry	1
Histories, each	1
Physics	1
Biology	1
Bible †	1
Mathematics D	1/2
Mathematics F	1/2

Every student must present for admission subjects having a total value of 15 units, arranged as follows:

For the A.B. degree:

All subjects in Group I	7
Latin 1, 2 (or 6), 4, 5	4
(Or Greek, 3 units)	
Other subjects from Group II (including one language)	4
(Or, with Greek, 5 units)	

* Latin Cp.2 must be taken by those who offer only 2 units in Latin and may be taken by no others.

† In this subject the only examination available is that given by Haverford College in September.

For the S.B. degree:

All subjects in Group I 7

Subjects from Group II (including at least
four units in the languages) 8

The candidate may give evidence of his preparation in these requirements by either of the following plans for admission:

I. *By Examination only.* The candidate must take entrance examinations in *all* the subjects which he presents for admission. He may take examinations in any of these subjects as preliminary examinations a full year or more before he intends to enter college, but for preliminary examinations only those of the College Entrance Examination Board are accepted. The examinations taken may be either the ordinary examinations or the equivalent comprehensive examinations.

Students unable to pass all the examinations may be admitted with a few conditions. Each case will be decided on its merits.

II. *By both Examination and Certificate.* This system may be employed by school graduates only. The graduate must present, on blanks supplied by the College and signed by the principal of the school which he has attended, a complete record of his work on all subjects during the last four years of preparation, with the time spent and the grade received in each study. This work is expected to include the subjects with a total value of 15 units prescribed on the preceding page.

He must also take entrance examinations in three subjects—English, Mathematics, and one foreign language. The English will be the examination defined as English 2. The mathematics will be both Mathematics A2 and Math-

ematics C. The language required will be, for the A.B. degree, either Latin 2, 4, 5 or Greek Cp2 and Greek H; for the S.B. degree, Latin Cp2 or Greek Cp2 or German Cp2 or French Cp2 or Spanish Cp2. In June, at the option of the candidate, comprehensive examinations may be substituted entirely or in part for the ordinary examinations: for English 2, English Cp; for Mathematics A2 and Mathematics C, Mathematics Cp3; for Latin 2, 4, 5, Latin Cp4; for Greek Cp2 and Greek H, Greek Cp3. As Mathematics A2 and Mathematics C are combined in one comprehensive examination three comprehensive examinations may thus be taken instead of the four ordinary examinations.* These examinations must all be taken *and passed at one time* either in June or September.

On the basis of his certificate and his marks in these examinations the applicant will be either admitted without conditions or rejected with permission to apply again for admission according to either plan.

This plan is intended mainly for good students, who, deciding late in their school courses to enter Haverford, would find it difficult to prepare themselves for examination in all their entrance subjects, but could readily pass a good examination in three fundamental subjects of their school course and present a satisfactory certificate for all of it. Candidates of only average ability and those who can take preliminary examinations in regular order will gain nothing by adopting this plan.

Advanced Standing.—On account of limited accommodations it is usually impossible to admit students to other than the Freshman class.

* The examinations in June, 1923, will be the last in which Mathematics Cp.3 will be accepted as entrance credit.

SCHEDULE OF EXAMINATIONS FOR ADMISSION

Applicants for admission to the Freshman Class are expected to take the examinations held by the College Entrance Examination Board in June in many cities. Those who pass these examinations in June will receive first consideration for all Freshman scholarships and for the limited accommodations annually reserved for Freshmen. For information with regard to these examinations address The College Entrance Examination Board, 431 West 117th Street, New York City.

COLLEGE ENTRANCE EXAMINATION BOARD

Examinations, June 18-23, 1923

The application for examination should be addressed to the College Entrance Examination Board, 431 West 117th Street, New York, N. Y. It should be made upon a blank form to be obtained from the Secretary of the College Entrance Examination Board upon request.

If the application is received sufficiently early the examination fee will be \$9.00 for candidates examined in the United States and Canada and \$20.00 for candidates examined elsewhere. The fee, which should accompany the application, should be remitted by postal order, express order, or draft on New York to the order of the College Entrance Examination Board.

Applications and fees of candidates who wish to be examined outside of the United States and Canada should reach the Secretary of the Board at least six weeks in advance of the first day of the examinations; that is, on or before May 7, 1923.

Applications and fees of candidates who wish to be examined in the United States at points west of the Mis-

Mississippi River or in Canada should be received at least four weeks in advance of the first day of the examinations; that is, on or before May 21, 1923.

Applications and fees of candidates who wish to be examined in the United States at points east of the Mississippi River or on the Mississippi River should be received at least three weeks in advance of the first day of the examinations; that is, on or before Monday, May 28, 1923.

When the candidate has failed to obtain the required blank form of application for examination the usual examination fee will be accepted if the fee arrives not later than the specified date accompanied by a memorandum containing the name and address of the candidate, the exact examination center selected and a list of all the subjects in which he may have occasion to take the Board examinations.

Applications received later than the dates named will be accepted when it is possible to arrange for the examination of the candidates concerned, but only upon the payment of an additional fee.

A list of the places at which examinations are to be held in June, 1923, will be published about March 1. Requests that the examinations be held at particular points, to receive proper consideration, should be transmitted to the Secretary of the College Entrance Examination Board not later than February 1. The designation of the center to which the candidate will go for examination is regarded as an indispensable part of the candidate's application for examination.

Detailed definitions of the requirements in all examination subjects are given in a circular of information published annually by the College Entrance Examination Board. The edition published August 1, 1921, was desig-

nated as Document No. 101. A new edition, which will be designated as Document No. 105, will appear December 1, 1922. Upon request a single copy of this document will be sent to any teacher without charge. In general a charge of twenty cents, which may be remitted in postage, will be made.

HAVERFORD EXAMINATIONS

Special Haverford examinations are held in September at the College for the convenience of emergency cases. They may not be taken as preliminary examinations. No applicant should deliberately postpone his examination until September, as no assurance can be given that he will be admitted if the capacity of the College has already been reached.

Applicants from the public high schools of New York State may also be admitted upon presentation of satisfactory credits certified by the Regents of the State of New York; but the class entering in September, 1923, will be the last to which this privilege is extended.

The schedule of examinations to be held in September, 1923, at Haverford College, is as follows:

Monday, September 17th

9.30-11.30	.....German Cp2
11.30- 1.00	.....German B
10.00-12.00	.....Spanish Cp2
12.00- 1.00	.....Spanish B
12.00- 1.00	.....English 1
2.00- 4.00	.....English 2
4.00- 5.30	.....Physics
4.00- 5.30	.....Bible

Tuesday, September 18th

9.00-11.00	.....	Latin 4
11.00-12.00	.....	Latin 2
11.00-12.00	.....	Latin 6
12.00- 1.00	.....	Latin 1
11.00- 1.00	.....	Latin Cp2
9.00-10.30	.....	Botany
10.30-12.00	.....	Chemistry
10.30-12.00	.....	Physiology
2.00- 4.00	.....	French Cp2
4.00- 5.30	.....	French B
2.00- 4.00	.....	Greek Cp2
4.00- 5.30	.....	Greek H
2.00- 5.00	.....	Mathematics D and F

Wednesday, September 19th

9.00-10.30	.....	Mathematics C
10.30-12.00	.....	Mathematics A2
12.00- 1.00	.....	Mathematics A1
2.00- 4.00	.....	History
4.00- 6.00	....	History (if a second is taken)
4.00- 6.00	.....	Latin 5

**REQUIREMENTS FOR ADMISSION IN THE
SEVERAL SUBJECTS**

ENGLISH*

The requirement in English is that recommended by the National Conference on Uniform Entrance Requirements in English.

* Reprinted from Document 93 of the College Entrance Examination Board.

DEFINITION OF THE REQUIREMENT FOR 1923-1925

Habits of correct, clear, and truthful expression. This part of the requirement calls for a carefully graded course in oral and written composition, and for instruction in the practical essentials of grammar, a study which ordinarily should be reviewed in the secondary school. In all written work constant attention should be paid to spelling, punctuation, and good usage in general as distinguished from current errors. In all oral work there should be constant insistence upon the elimination of such elementary errors as personal speech-defects, foreign accent, and obscure enunciation.

Ability to read with intelligence and appreciation works of moderate difficulty; familiarity with a few masterpieces. This part of the requirement calls for a carefully graded course in literature. Two lists of books are provided from which a specified number of units must be chosen for reading and study. The first contains selections appropriate for the earlier years in the secondary school. These should be carefully read, in some cases studied, with a measure of thoroughness appropriate for immature minds. The second contains selections for the closer study warranted in the later years. The progressive course formed from the two lists should be supplemented at least by home reading on the part of the pupil and by class-room reading on the part of pupils and instructor. It should be kept constantly in mind that the main purpose is to cultivate a fondness for good literature and to encourage the habit of reading with discrimination.

LIST OF BOOKS FOR 1923-1925

1. Books for Reading

From each group two selections are to be made, except that for any book in Group V a book from any other may be substituted.

GROUP I

Dickens: A Tale of Two Cities.

George Eliot: Silas Marner.

Scott: Quentin Durward.

Stevenson: Treasure Island or Kidnapped.

Hawthorne: The House of the Seven Gables.

GROUP II

Shakespeare: Merchant of Venice,

Julius Cæsar,

King Henry V,

As You Like It.

GROUP III

Scott: The Lady of the Lake.

Coleridge: The Ancient Mariner; and Arnold: Sohrab and Rustum.

A collection of representative verse, narrative and lyric.

Tennyson: Idylls of the King (any four).

The Æneid or the Odyssey in a translation of recognized excellence, with the omission, if desired, of Books I-V, XV, and XVI of the Odyssey.

GROUP IV

The Old Testament (the chief narrative episodes in Genesis, Exodus, Joshua, Judges, Samuel, Kings, and Daniel, together with the books of Ruth and Esther).

Irving: The Sketch Book (about 175 pages).

Addison and Steele: The Sir Roger de Coverley Papers.

Macaulay: Lord Clive.

Parkman: The Oregon Trail.

Franklin: Autobiography.

GROUP V

A modern novel.

A collection of short stories (about 150 pages).

A collection of contemporary verse (about 150 pages).

A collection of prose writings on matters of current interest (about 150 pages).

Two modern plays.

All selections from this group should be works of recognized excellence.

2. Books for Study

One selection to be made from each group.

GROUP I

Shakespeare: Macbeth,
Hamlet.

GROUP II

Milton: *L'Allegro*, *Il Penseroso*, and either *Comus* or *Lycidas*.

Browning: *Cavalier Tunes*, *The Lost Leader*, *How They Brought the Good News from Ghent to Aix*, *Home Thoughts from Abroad*, *Home Thoughts from the Sea*, *Incident of the French Camp*, *Hervé Riel*, *Pheidippides*, *My Last Duchess*, *Up at a Villa—Down in the City*, *The Italian in England*, *The Patriot*, *The Pied Piper*, "*De Gustibus*"—, *Instans Tyrannus*, *One Word More*.

GROUP III

Macaulay: *Life of Johnson*.

Carlyle: *Essay on Burns*, with a brief selection from *Burns's Poems*.

Arnold: *Wordsworth*, with a brief selection from *Wordsworth's Poems*.

GROUP IV

Burke: *Speech on Conciliation with America*.

A collection of orations, to include at least *Washington's Farewell Address*, *Webster's First Bunker Hill Oration*, and *Lincoln's Gettysburg Address*.

DESCRIPTION OF THE RESTRICTED EXAMINATIONS, 1923-1925

ENGLISH 1-2, three units

ENGLISH 1, two units

ENGLISH 2, one unit

The examination will be in two parts. The first part will test powers of correct, clear, truthful expression. The candidate will write one or more compositions several paragraphs in length. For this purpose a list of eight or ten subjects will be provided. These may be suggested in part by the books recommended for reading, but a sufficient number from other sources will make it possible for the candidate to draw upon his own experience and ideas. He will not be expected to compose at a more rapid rate than three hundred fifty words an hour, but his work must be free from common errors in grammar, idiom, spelling, and punctuation, and should show that he understands the principles of unity and coherence. In addition, questions may be asked on the practical essentials of grammar, such as the construction of words and the relation of various parts of a sentence to one another.

The second part will test the faithfulness with which the candidate has studied the works recommended for study and his ability to grasp quickly the meaning of a passage of prose or verse that he has not previously seen and to answer simple questions on its literary qualities. The examination may call also for the writing of a short composition.

In connection with the second part of the examination the candidate may be required by the college to submit a statement certified by his principal specifying what books he has read during his secondary school course, and indicating the quality and character of his spoken English.

DESCRIPTION OF THE COMPREHENSIVE EXAMINATION IN ENGLISH

The purpose of this examination will be to test the ability of the candidate to define clearly in writing ideas gained both from books and from the life around him, and to read with accuracy and appreciation literature as varied in subject matter and form as that listed under "Uniform Entrance Requirements in English." Accuracy in the technique of writing will be insisted upon, but no paper will be considered satisfactory which does not show, in addition to this accuracy, that the student is able to think for himself and to apply what he has learned to the solution of unexpected problems. Although knowledge of the subject matter of the particular books prescribed in the "Uniform Entrance Requirements in English" is not necessary, yet the requisite ability cannot be gained without a systematic and progressive study of good literature.

A candidate for admission to Haverford "by examination only" (see above, p. 18) is required to take the examinations designated as English 1 and English 2, as given by the College Entrance Examination Board or by Haverford College.

A candidate whose certificate entitles him to apply for admission "by both examination and certificate" (see above, p. 18) may take either English 2 or the Comprehensive Examination in English. The latter is given only by the College Entrance Examination Board; while difficult, it does offer certain advantages to one whose study of literature has not been based on the books listed for special study in English 2.

MATHEMATICS

The definition of the requirements in Mathematics is the same as that of the College Entrance Examination Board.

In each subject stress will be laid upon accuracy and neatness of work. Results should be verified.

Mathematics A1—Algebra: to Quadratics.

The four fundamental operations for rational algebraic expressions.

Factoring, determination of highest common factor and lowest common multiple by factoring.

Fractions, including complex fractions, and ratio and proportion.

Linear equations, both numerical and literal, containing one or more unknown quantities.

Problems depending on linear equations.

Radicals, including the extraction of the square root of polynomials and of numbers.

Exponents, including the fractional and negative.

Mathematics A2—Algebra: Quadratics and beyond.

Quadratic equations, both numerical and literal.

Simple cases of equations, with one or more unknown quantities, that can be solved by the methods of linear or quadratic equations.

Problems depending on quadratic equations.

The binomial theorem for positive integral exponents.

The formulas for the n th term and the sum of the terms of arithmetical and geometrical progressions, with applications.

It is assumed that pupils will be required throughout the course to solve numerous problems which involve putting questions into equations. Some of these problems should be chosen from mensuration, from physics, and from commercial affairs. The use of graphical methods and illustrations, particularly in connection with the solution of equations, is also expected.

Mathematics C—Plane Geometry.

The usual theorems and constructions of good textbooks, including the general properties of plane rectilinear figures; the circle and the measurement of angles; similar polygons; areas; regular polygons and the measurement of the circle.

The solution of numerous original exercises, including problems in loci.

Applications to the mensuration of lines and plane surfaces.

Mathematics D—Solid Geometry.

The usual theorems and constructions of good textbooks, including the relation of planes and lines in space; the properties and measurement of prisms, pyramids, cylinders, and cones; the sphere and the spherical triangle.

The solution of numerous original exercises, including problems in loci.

Application to the mensuration of surfaces and solids.

Mathematics F—Plane Trigonometry.

Definitions and relations of the six trigonometric functions as ratios; circular measurement of angles.

Proofs of the principal formulas, in particular for the sine, cosine, and tangent of the sum and the difference of

two angles, of the double angle and the half angle, the product expressions for the sum or the difference of two sines or of two cosines, etc.; the transformation of trigonometric expressions by means of these formulas.

Solution of trigonometric equations of simple character.

Theory and use of logarithms (without the introduction of work involving infinite series).

The solution of right and oblique triangles, and practical applications.

HISTORY

A. *Ancient History*, with special reference to Greek and Roman history, and including also a short introductory study of the more ancient nations and the chief events of the early Middle Ages down to the death of Charlemagne.

B. *Medieval and Modern European History*, from the death of Charlemagne to the present time.

C. *Modern History*.

D. *English History*.

E. *American History*.

G. *American History and Civil Government*.

Each of the above subjects is intended to represent one year of historical work wherein the study is given five times a week, or two years of historical work wherein the study is given three times a week.

The work should include the use of good text-books, collateral reading, practice in written work, and in locating places and movements on outline maps. The candidate should be trained in comparison and in the use of judgment as well as in the use of memory.

LATIN*

I. Amount and Range of the Reading Required

(1) The Latin reading, without regard to the prescription of particular authors and works, shall be not less *in amount* than Cæsar, Gallic War, I-IV; Cicero, the orations against Catiline, for the Manilian Law, and for Archias; Vergil, Æneid, I-IV.

(2) The amount of reading specified above shall be selected by the schools from the following authors and works: Cæsar (Gallic War and Civil War) and Nepos (Lives); Cicero (orations, letters, and De Senectute) and Sallust (Catiline and Jugurthine War); Vergil (Bucolics, Georgics, and Æneid) and Ovid (Metamorphoses, Fasti, and Tristia).

II. Scope of the Examinations

(1) *Translation at Sight.* Candidates will be examined in translation at sight of both prose and verse. The vocabulary, construction, and range of ideas of the passages set will be suited to the preparation secured by the reading indicated above.

(2) *Prescribed Reading.* Candidates will be examined also upon the following prescribed reading:

In 1923, 1924, and 1925. Cicero, the fourth oration against Catiline and the oration for the Manilian Law; Vergil, Æneid, I and IV; Ovid, Metamorphoses, Book III, 1-137 (Cadmus); IV, 55-166 (Pyramus and Thisbe), and 663-764 (Perseus and Andromeda); VI, 165-312 (Niobe); VIII, 183-235 (Dædalus and Icarus); X, 1-77 (Orpheus and Eurydice); XI, 85-145 (Midas).

* Reprinted from Document 93 of the College Entrance Examination Board.

Accompanying the different passages will be questions on subject-matter, literary and historical allusions, and prosody. Every paper in which passages from the prescribed reading are set for translation will contain also one or more passages for translation at sight; and candidates must deal satisfactorily with both these parts of the paper, or they will not be given credit for either part.

(3) *Grammar and Composition.* The examination in grammar and composition will demand thorough knowledge of all regular inflections, all common irregular forms, and the ordinary syntax and vocabulary of the prose authors read in school, with ability to use this knowledge in writing simple Latin prose.

III. Subjects for Examination

- (a) *Exclusively for those who offer only 2 units in Latin.*
The 2 units may be offered in no other way.

Two-year Latin (Latin Cp. 2). This examination will presuppose reading not less in amount than Cæsar, Gallic War, I-IV, selected by the schools from Cæsar (Gallic War and Civil War), and Nepos (Lives); but the passages set will be chosen with a view to sight translation. The paper will include easy grammatical questions and some simple composition.

- (b) *For those who offer 4 units in Latin (or 3 units, if the Vergil or Cicero be omitted).*

Grammar (Latin 1).

Elementary Prose Composition (Latin 2) or Advanced Prose Composition (Latin 6).

Cicero and Sight Translation of Prose (Latin 4).

Vergil and Sight Translation of Poetry (Latin 5).

In Latin 1, 2, 4, and 6, the examination will presuppose the reading of the required amount of prose (see I, 1 and 2), including the prose works prescribed (see II, 2); the examination in Latin 5 will presuppose the reading of the required amount of poetry, including the poetical works prescribed.

GREEK

Two-year Greek (Cp. 2), admitting to Greek 1. Xenophon's *Anabasis*, Books I-IV. Elementary grammar and prose composition based on the first two books of Xenophon's *Anabasis*.

Third Year Greek (Greek H), admitting to Greek 2. Homer's *Iliad*, Books I-III (omitting Book II, 494 end) and the Homeric forms, constructions, idioms and prosody. Sight translation and advanced prose composition.

GERMAN

German A (Cp. 2), admitting to German 1. A knowledge of German grammar and vocabulary sufficient to enable the candidate to translate at sight into idiomatic English easy passages taken from modern German prose; to write out typical declensional and conjugational paradigms and such other grammatical forms as are usually given in school grammars; and to translate into German simple English sentences or a piece of easy connected prose.

Candidates should have read in preparation not less than three hundred pages of modern German, including reading at sight, from the works of at least three different authors.

German B, admitting to German 2. A more thorough knowledge of grammar, vocabulary and idiom than that re-

quired for German A, enabling the candidate to read at sight more difficult prose as well as poetry, and to translate into German a number of English sentences or a piece of connected prose requiring both appreciation of the English idiom and knowledge of the corresponding German idiom. The work done in German 1 (see page 51) will be considered adequate for preparation.

Students presenting themselves for examination in German B will not be given credit for it unless they pass also the examination in German Cp. 2.

Students who fail in the examination in German Cp. 2 will not be allowed to enter German 1 without special permission of the instructor; students who fail in the examination in German B will not be permitted to present themselves for re-examination in German B if they have taken German in college.

FRENCH

French A (Cp. 2), admitting to French 1. (a) Proficiency in elementary grammar including the more common irregular verbs. (b) Ability to translate simple French prose and to put into French short sentences requiring a knowledge of the simpler idioms. Candidates should have read in preparation not less than three hundred pages, including reading at sight, from the works of at least three different authors.

French B, admitting to French 2. (a) Thorough knowledge of the fundamentals of grammar. (b) Ability to translate ordinary French of the nineteenth century. (c) Command of idiom sufficient to put into French a connected passage of simple English prose. As preparation an equivalent of the work done in French 1 (see page 53) is adequate.

Students who have presented themselves for examination in French B will not be given credit for it unless they have passed also the examination in French Cp. 2.

SPANISH

Two examinations, Spanish Cp. 2 and Spanish B, are offered, and the requirements are identical with those given above for French Cp. 2 and French B.

BOTANY

The requirement will be one year's text-book and laboratory work. The student will be expected to have a fairly definite knowledge of the seed and seedling, root, stem, and leaf, the flower and fruit, the cell, and the natural history and classification of plants.

CHEMISTRY

The requirements in chemistry will comprehend systematic instruction in the occurrence, preparation, properties and uses of some of the commoner elements, including hydrogen, oxygen, carbon, chlorine, sulfur and nitrogen, and their compounds, and in the simpler physico-chemical theories and laws, including the atomic theory, the gas laws, and the laws of chemical combination. This is to be accompanied by an adequate course of experiments performed by the student.

PHYSICS

The requirement will be one year's work, covering mechanics, sound, heat, light, magnetism, and electricity. Emphasis will be laid upon the solution of problems. At least two hours per week of laboratory work must be included.

BIBLE

The requirement in Biblical subjects is in accord with the recommendations of The Commission on the Definition of a Unit of Bible Study for Secondary Schools, and gives an option of three types of courses, each the equivalent of four hours of recitation per week for twenty weeks, any two of which may be offered as a minimum requirement. These may be described briefly as:

I. A course comparable as to method with courses in English Literature followed with students of the same grade which shall cover sixty narrative and poetic passages in the Old Testament as specified.

II and III. Courses comparable as to method with courses in European and American history followed with students of the same grade in the political, social, and cultural development of the Hebrew people from 1200 B. C. to 70 A. D., or

The development of Christianity from the reign of Augustus to the persecution of Christianity under Domitian.

COURSE OF STUDY

The course of study includes both required and elective subjects, thus combining the breadth of knowledge and culture that comes from variety of studies with opportunity for concentration on limited fields. In addition to a general course in arts or in science, by proper choice of electives more specialized courses can be taken in preparation for professions as described below.

GENERAL REQUIREMENTS FOR BACHELOR'S DEGREE

Languages. English and courses in two foreign languages must be taken in Freshman year. Candidates for the A.B. degree must continue either Greek or Latin through Freshman and Sophomore years; either Latin 2 or Greek 1 must be completed for the A.B. degree. Candidates for the S.B. degree must continue either French or German through both Freshman and Sophomore years. English D is required as an extra course of Sophomores whose work in composition for English 1 falls below a certain standard.

Mathematics and Science. Mathematics 1 and 1' must be taken in Freshman year. One course in laboratory science is required before graduation. Candidates for the A.B. degree must take *one* course from the group *biology, chemistry, physics, and mathematics* after Freshman year. Candidates for the S.B. degree must take *two* courses from the group *biology, chemistry, physics, and mathematics* after Freshman year.

Economics, History, Biblical Literature, Psychology and Ethics. The required courses in these subjects are specified on page 45.

Majors and Minors. In order to encourage proper concentration it is required that after Freshman year at least

three full courses be taken in one department and at least two full courses in each of two other departments. The three courses must be distributed over at least two years. In fulfilment of this requirement no account shall be taken of courses intended primarily for Freshmen (namely, Biology 1a, Engineering 1 and 1', English 1, French A, German A, Mathematics 1 and 1', Physics A) even though these courses be taken after Freshman year.

Maximum and Minimum Schedule. The minimum schedule for any student is five courses, except that, in addition, Sophomores are required to take Physical Training and Freshmen are required to take Physical Training and Biology 1a. Not more than one additional course may be taken in any half-year, except by special permission of the Dean.

Conflicting Courses. A student is not allowed to elect conflicting courses, except with the permission of the Dean and the two instructors concerned.

SPECIAL PLANS OF STUDY IN PREPARATION FOR PROFESSIONS

A large and increasing number of Haverford College students desire on graduation to enter upon courses of study fitting them for professions. For students desiring intensive preliminary training in engineering, medicine, and other highly specialized subjects, the College offers combinations of courses which admit to the best professional schools in the country with full standing, and in many cases with advanced credit.

To illustrate this feature of the curriculum there are presented below sample outlines of study for the four years, preparatory to specialization in Engineering, Medicine, Law, and Business Administration. Similar outlines

might be prepared for other professions,—teaching, the ministry, journalism, industrial chemistry, etc. The student will in all cases consult with his Faculty Advisor and the professors concerned in his choice of courses. In addition to the courses given in the schedule, there are elective *honor courses* in which the student receives individual attention in advanced work to suit his particular needs.

It is understood that each of the outlines given below is a sample only, presenting one among many possibilities, and is not intended to be a prescribed program.

Preparation for Engineering.

Engineering today covers an extremely broad field of service, and there is accordingly no standard type of training suitable for all students preparing themselves for an engineering career.

Students not intending to enter the highly specialized fields of design and research will find the Haverford course ample for their needs. Graduates of Haverford who have majored in engineering are admitted to the student-engineers' courses of the leading industrial companies on equal terms with graduates of the larger engineering colleges.

Those men who desire to specialize on the technical side of engineering and who are planning to continue their professional work at another school, will, ordinarily, elect only those engineering courses that are required for the first two years of the particular school to which they are going.

A course in General Engineering similar to those variously announced as "Engineering Administration," "Commercial Engineering," etc., is outlined below. In addition to the outline following, other combinations of studies may be arranged to meet special needs. In this outline the *major* is engineering and the *minors*, economics and mathematics.

FRESHMAN YEAR

English Composition and Literature*
Foreign Language*
Foreign Language*
Algebra, Geometry, and Trigonometry*
Principles of Engineering Drawing
Descriptive Geometry and Pattern Work
Physical Training*

SOPHOMORE YEAR

Foreign Language*
History*
Principles of Economics*
Analytics and Differential Calculus
General Physics
Mechanism
Working Drawings and Metalwork
Physical Training*

JUNIOR YEAR

Biblical Literature*
Psychology*
Labor Problems and Personnel Administration
Integral Calculus and Differential Equations
Inorganic Chemistry
Elements of Applied Electricity
Direct-Current Apparatus
Surveying

SENIOR YEAR

Ethics*
Business Organization and Finance
Modern Social Problems
English Literature
Theoretical Mechanics
Strength of Materials
Alternating Currents
Heat Engines
Graphics and Empirical Design

* Required of all students.

Preparation for Medicine. Owing to the increased admission requirements of the medical schools it is necessary for a student intending to study medicine to plan his college course carefully in order to avoid conflicts between necessary courses and to avoid overloading with laboratory courses in his junior and senior years. All of the leading medical schools require the equivalent of the following Haverford courses: English 1, Biology 2, Chemistry 1, 2, and 4, Physics A and 1, and either French or German A and 1. Johns Hopkins University requires both French and German and also elementary Latin. The Uni-

versity of Pennsylvania requires an additional course in English. In addition to these courses, medical school authorities advise certain other courses in pre-medical sciences.

A prospective physician should ordinarily make his *major* either biology or chemistry and one of his *minors* chemistry or biology. A student who already has a good educational background may elect certain advanced courses in biology which actually overlap the work of a medical school, and may thus enter his medical course with special advantages.

It is possible for a student to graduate from Haverford with either the A.B. or the S.B. degree and fulfill all the requirements for admission to medical school. In the sample pre-medical schedule given the *major* is biology and the *minors* chemistry and physics.

FRESHMAN YEAR

English Composition and Literature*
 Foreign Language*
 Foreign Language*
 Mathematics*
 Inorganic Chemistry
 Physical Training*

SOPHOMORE YEAR

Foreign Language*
 History*
 Principles of Economics*
 Modern Social Problems
 Elementary Principles of Biology
 Chemistry, Qualitative Analysis
 Physical Training*

JUNIOR YEAR

Biblical Literature*
 Psychology*
 English Literature
 Organic Chemistry
 Comparative Anatomy of Vertebrates
 General Physics

SENIOR YEAR

Ethics*
 English Literature
 Physical Chemistry
 Biology
 Biology
 Physics, Radio-activity

* Required of all students.

Preparation for the Law, and for Business Administration. There are no particular studies indicated as entrance requirements by the law schools, though in some cases the applicant must hold a college degree. It is obvious, however, that a choice of electives may be made which will be of great value to the student in the study and practice of his profession. With a few unimportant changes this choice is also appropriate for a future career of business administration, whether the candidate continues study at a graduate school or engages directly in business. In the sample schedule presented here, economics is the *major*, and history and English the *minors*.

FRESHMAN YEAR

English Composition and Literature*
 Foreign Language*
 Foreign Language*
 Mathematics*
 English History
 Physical Training*

SOPHOMORE YEAR

Foreign Language*
 Language
 History*
 Principles of Economics*
 Laboratory Science
 Modern Social Problems
 Physical Training*

JUNIOR YEAR

Biblical Literature*
 Psychology*
 Labor Problems and Personnel Administration
 English Constitutional History
 Argumentation and Debating
 Advanced Composition
 Roman Law
 Transportation

SENIOR YEAR

Ethics*
 English Literature
 History of Philosophy
 Modern History
 Business Organization and Finance
 Money and Banking

* Required of all students.

CURRICULUM

Freshman Year

English 1

Two from $\left\{ \begin{array}{l} \text{Latin A or 1} \\ \text{Greek A, 1, or 2} \\ \text{German A, 1, or 2} \\ \text{French A, 1, or 2} \end{array} \right.$

Mathematics 1 and 1'

One from $\left\{ \begin{array}{l} \text{Chemistry 1} \\ \text{Physics A} \\ \text{Engineering 1} \\ \text{History 1} \end{array} \right.$

Physical Training (Biology 1a in first quarter)

Sophomore Year

English D if required

History 2a* and Economics 1b

One of the languages taken in Freshman year

Three full-year courses from $\left\{ \begin{array}{l} \text{Greek A, 1, 2, or 6b} \\ \text{Latin A, 1, or 2} \\ \text{English (to be announced)} \\ \text{German A, 1, or 2} \\ \text{French A, 1, or 2} \\ \text{Mathematics 2} \\ \text{History 1, 5 (prerequisite History 1), 10a} \\ \text{Sociology 1} \\ \text{Astronomy 1a, 2b} \\ \text{Biology 2} \\ \text{Chemistry 1, 2, 3, or 4} \\ \text{Physics 1} \\ \text{Engineering 2, 6b} \end{array} \right.$

Physical Training

Junior Year

Biblical Literature 1a or 4a, and Philosophy 1b; four elective courses

Senior Year

Philosophy 5a; four and one-half elective courses.

* Students who have passed American History in preparatory school or have passed History 1 may substitute for History 2a an elective from the list below.

SCHEDULE OF CLASSES FOR THE YEAR 1923-1924

Courses enclosed in parentheses are not offered in 1923-24.

a=first half-year. b=second half-year. Eng.=English. Engin.=Engineering.

Classes in Biblical Literature 1a, Economics 1b, English 1, French 1 and 2, Mathematics 1 and 1' and History 2a are divided and meet in two sections. The sections of a divided class are distinguished by affixed superior numbers, as Economics 1b¹, Economics 1b², etc. For additional courses offered, see note at foot of schedule.

	8.30	9.30	10.30	11.30	12.30	1.00	1.30	2.00	3.00	4.00
MONDAY	Math. 1c' Econ. 2a, 3b Philosophy 2 Engin. 4a Biol. 8a, 9b Eng. 10a, 11b	Economics 1b ¹ French 1 ¹ German 1 Greek 1 French 2 ¹ History 2a ¹ French 3 Physics 3 History 4 Chem.(5b),(6a) English 7a, 8b	←Chem.1,2,(3), Physics A Spanish A, (1) Astron.(1a),(2b) History 1 German (3), 4 Philosophy 4	4, (5b), (6a) La Chem. 1, 4th Quarter only. History 3b Econ. 4b, 6a Biology 6b Greek (6b) History 10a Engineering 10	b. →	Luncheon	English 1 ¹ , 1 ² Latin 2 History 5	Bib. Lit. 1a ¹ , 4a Economics 1b ² Latin 1 Philosophy 1b History 2a ² Philosophy 5a		
TUESDAY	Geology 1a Math. 1, 1' Engin. 2a, 6b German 2 Economics 7a Biol. 10a, 11b Eng. 14b, (16a)	French 1 ² Physics 1 Sociology 1a, 2l Bib. Lit. 2b, 3a French 2 ² French 4 Math. 4 English 5a, 6b History (6) Biology (7)	French A German A Greek A Bib. Lit. 1a ² , 5l Math. 2 Math. 3 English (12) Eng. 13a, 15b	Chemistry 1 (Italian A) Biology 2 History 3b Econ. 4b, 6a Greek (6b) History 10a Engineering 10		Luncheon	←C hem.1, 2, (3), 4, ←E ngin. 1, 2, 3a, ←B iology 2, (3),	(5b), (6a) Lab.→ 6bLaboratory→ 5 Laboratory→		
WEDNESDAY	Math. 1c' Econ. 2a, 3b Philosophy 2 Chem. (3), 4 Engin. 4a, 5b Biol. 8a, 9b Eng. 10a, 11b	Economics 1b ¹ French 1 ¹ German 1 Greek 1 French 2 ¹ History 2a ¹ French 3 Physics 3 History 4 Chem.(5b),(6a) English 7a, 8b	Physics A Spanish A, (1) Astron.(1a),(2b) History 1 German (3), 4 Philosophy 4	Bib. Lit. 1a ¹ , 1a ² Economics 1b ² Latin 1 Philosophy 1b History 2a ² Philosophy 5a		Luncheon	←English 1 ¹ , 1 ² ←Physics 1 Labo Latin 2 History 5 Biology 6b Lab	Biology 1a ratory → Bib. Lit. 4a ratory →		
THURSDAY	Geology 1a Math. 1, 1' Chemistry 2 Engin. 2a, 6b German 2 Economics 7a Biol. 10a, 11b Eng. 14b, (16a)	French 1 ² Physics 1 Sociology 1a, 2l Bib. Lit. 2b, 3a French 2 ² French 4 Math. 4 English 5a, 6b History (6) Biology (7)	French A German A Greek A Bib. Lit. 1a ² 5b Math. 2 Biol. (3), 5* Math. 3 English (12) Eng. 13a, 15b	Meeting 11.45-12.45 but omitted on the next to the last Thursday in each month.		Luncheon	←C hem.1,2, (3), 4,(5b), (6a) Lab.→ ←E ngin. 1, 2, 3a, 6b Laboratory → ←B iology 2, (3), 5 Laboratory→	(Italian A) b Laboratory → Laboratory→		
FRIDAY	Math. 1, 1' Econ. 2a, 3b Philosophy 2 Chem. (3), 4 Engin. 4a, 5b Biol. 8a, 9b Eng. 10a, 11b	←Physics Economics 1b ¹ French 1 ¹ German 1 Greek 1 French 2 ¹ History 2a ¹ French 3 Physics 3 History 4 English 7a, 8b	←Chem.1,2,(3), A Lab. (2½ ho Spanish A, (1) Astron.(1a),(2b) History 1 German (3), 4 Philosophy 4 ←Biology	4, (5b), (6a) La b. → Chem. 1, 4th Quarter only. History 3b Econ. 4b, 6a Greek (6b) 6b Laboratory→ History 10a Engineering 10	b. → →	Luncheon	English 1 ¹ , 1 ² Latin 2 History 5	Bib. Lit. 1a ¹ , 4a Economics 1b ² Latin 1 Philosophy 1b History 2a ² Philosophy 5a		
SATURDAY	Geology 1a Math. 1, 1' Chemistry 2 German 2 Economics 7a Biol. 10a, 11b Eng. 14b, (16a)	French 1 ² Physics 1 Sociology 1a, 2b Bib. Lit. 2b, 3a French 2 ² French 4 Math. 4 English 5a, 6b History (6) Biology (7)	French A German A Greek A ←Engin. 1, 2, Math. 2 Math. 3 Bib. Lit. 5b English (12) Eng. 13a, 15b	Chemistry 1 (Italian A) 3a Laboratory→ Biology 2	→	Dinner	The following unscheduled courses are offered, the hours for which will be arranged to suit the schedules of the students electing them: Greek 2, 3, 4, 5a or 5b; Latin A, 3a or 3b, 4; English D; Mathematics 5 to 9 inclusive; Economics 5b; Biblical Literature 6a or 6b; Philosophy 6; Biology 4; Physics 2, 4, 5, 10; Engineering 3b, 5b Laboratory, 11.			

* Should a conflict occur, this lecture hour may be changed.

COURSES OF INSTRUCTION

(Unless otherwise indicated all courses are offered in 1923-1924.)

GREEK

Either Greek 1 and 2 (or A and 1) or Latin 1 and 2 are required of candidates for the A.B. degree in Freshman and Sophomore years respectively. Students presenting two units of Greek for entrance (see page 17) will be admitted to Greek 1; those presenting three units may be admitted to Greek 2.

For New Testament Greek see Biblical Literature 4*b*.

A. *Homer for Beginners*. This course is intended for those who wish to derive a maximum of benefit from one year of Greek study. After a brief survey of Homeric grammar the reading of Homer is begun and continued through the year. Translations are read, and selected passages of the Greek text are studied with a view to acquiring an appreciation of the Iliad as a literary masterpiece. Students who have completed the course will be admitted to Greek 1 or to Biblical Literature 4*a* (see page 61).

PROFESSOR POST; 3 hours.

1. *Freshman Greek*. A rapid reading course in such authors as Homer, Herodotus, Euripides and Plato.

PROFESSOR POST; 3 hours.

2. *Sophomore Greek*. History of Greek literature. Menander, Aristophanes and the tragedians are read.

PROFESSOR POST; 3 hours.

3. *Advanced Greek*. The instructor will arrange with students electing this course for systematic study of special subjects in Greek history, philosophy or literature in connection with the reading of Greek authors.

PROFESSOR POST; 3 hours.

4. *Advanced Greek*. A continuation of the work done in Greek 3.

PROFESSOR POST; 3 hours.

5a or 5b. *Advanced Greek Prose Composition*. This course should be taken by all candidates for honors in Greek.

PROFESSOR POST; 3 hours, either half-year.

6b. *Greek Literature in English*. Lectures on Greek literature. Reading of Greek classics in translation. Essays and discussions. This course is intended primarily for students of literature who have not taken Greek 2. For the purpose of calculating majors and minors, it may be counted as a course in English.

PROFESSOR POST; 3 hours, second half-year.

[Not offered in 1923-24.]

LATIN

Either Latin 1 and 2 or Greek 1 and 2 (or A and 1) are required of candidates for the A.B. degree in Freshman and Sophomore years respectively. All Latin courses are open as electives to those properly qualified.

A. *Preparatory Latin*. Cicero and Vergil. This course may not be taken for the removal of entrance conditions.

PROFESSOR LOCKWOOD; 3 hours.

1. *Freshman Latin*. Masterpieces of national Roman literature. Reading of selections from Plautus, Terence, Lucretius, Catullus, Horace, Livy, Seneca, Petronius, Pliny, Juvenal, Martial, and Tacitus.

PROFESSOR LOCKWOOD; 3 hours.

2. *Sophomore Latin*. Masterpieces of European Latin literature. Reading of selections from post-classical, Christian, medieval, and modern Latin writers.

PROFESSOR LOCKWOOD; 3 hours.

3a or 3b. *Advanced Prose Composition*. This course may be repeated for full credit.

PROFESSOR LOCKWOOD; 3 hours, either half-year.

4. *Advanced Latin Literature*. Readings in classical, medieval, or modern Latin literature. Individual work. Open to specially qualified Juniors and Seniors. This course may be repeated for full credit.

PROFESSOR LOCKWOOD; conferences equivalent to 3 hours.

5. *Roman Law*. Reading of the *Institutes* and selections from the *Digest*.

PROFESSOR LOCKWOOD; 3 hours.

[Not offered in 1923-24.]

ENGLISH LANGUAGE AND LITERATURE

All Freshmen are required to take English 1. No student will be graduated who cannot write a creditable style extemporaneously.

1. *Freshman English*. Composition. Informal lectures, short weekly themes, and longer quarterly themes. Practice in oral exposition and in debate. Conferences.

Literature. Readings and discussions of types of literature; a rapid survey of English Literature from Chaucer to Tennyson.

PROFESSOR SNYDER and MR. GRAY; 3 hours.

D. *English Composition*. Required of Sophomores whose written work in English 1 has fallen below 70 per cent.

MR. GRAY; 1 hour.

5a. *Argumentation and Debating*. Open to Seniors and Juniors, and by special permission to Sophomores.

PROFESSOR SNYDER; 3 hours, first half-year.

6b. *Advanced Composition*. Open to specially qualified Seniors, Juniors, and Sophomores. This course may, with the consent of the instructor, be repeated for full credit.

PROFESSOR SNYDER AND MR. GRAY; 3 hours, second half-year.

7a. *Early English*. Bright, *Anglo-Saxon Reader; Elene*.

3 hours, first half-year.

8b. *Middle English*. English literature in the thirteenth and fourteenth centuries. Chaucer, *Canterbury Tales*. English and Scottish ballads.

3 hours, second half-year.

10a. *Seventeenth Century Literature*. Study of the Elizabethan period, with special reference to Shakespeare and the development of the drama.

MR. GRAY; 3 hours, first half-year.

11b. *Seventeenth Century Literature*. Bacon. The King James Bible. Milton.

MR. GRAY; 3 hours, second half-year.

12. *Eighteenth Century Literature*. I. Pope and his enemies. II. Dr. Johnson and his friends. III. Early English novelists. IV. Early English romantic poets. Lectures, classroom discussions, and frequent written tests.

PROFESSOR SNYDER AND MR. GRAY; 3 hours.

[Not offered in 1923-24.]

13a. *Nineteenth Century Poetry*. Interpretative analysis of poems selected from the works of Coleridge, Wordsworth, Scott, Shelley, Byron, Keats, Rossetti, Arnold, Tennyson and Browning. Lectures, classroom discussions, and frequent written tests.

PROFESSOR SNYDER; 3 hours, first half-year.

14b. *Nineteenth Century Prose*. A rapid reading course in the works of the masters of modern English prose. More than half the semester is spent in studying the great novelists.

PROFESSOR SNYDER; 3 hours, second half-year.

15b. *The Contemporary Drama*. A study of the technique and practice of the modern drama, as illustrated in the works of Ibsen and the best modern dramatists of England and America.

PROFESSOR SNYDER; 3 hours, second half-year.

16a. *American Literature*. A brief survey of American poetry and prose from early Colonial days to the present time, with more detailed study of Emerson, Longfellow, Whittier, Lowell, Hawthorne, and Poe.

PROFESSOR SNYDER; 3 hours, first half-year.

[Not offered in 1923-24.]

17b. *Dramatic Criticism (Advanced Course)*. Prerequisite, English 15b. Given only by special arrangement.

PROFESSOR SNYDER; 3 hours, second half-year.

[Not offered in 1923-24.]

GERMAN

All German courses are elective for those who have satisfactorily completed the prerequisites.

Students wishing to qualify for German 1 may present a satisfactory certificate of their school instruction or may pass an examination in German A.

A. *Course for Beginners*. Grammar, conversation, and the reading of simple texts. Bacon, *Elements of German*.

PROFESSOR KELLY; 3 hours.

1. *Freshman German*. Review of grammar, conversation based on texts read in class, composition, and outside reading. Harris, *A German Grammar*; Whitney and Stroebe, *Easy German Composition*.

PROFESSOR KELLY; 3 hours.

2. *Sophomore German*. Reading of standard works of German literature. Outside reading includes literary criticisms in German of works read in class. Composition.

PROFESSOR KELLY; 3 hours.

3. *The Classical Period of German Literature*. Study of major works of Lessing, Goethe, and Schiller. Lectures. A paper is required each half-year presenting the results of fairly exhaustive research on some important topic of eighteenth century literature.

PROFESSOR KELLY; 3 hours.

[Not offered in 1923-24.]

4. *Modern German Literature*. The drama is studied during the first term, with special reference to Kleist, Grillparzer, Hebbel, and Hauptmann. The second term is devoted to the study of the *Roman* and the *Novelle*; such writers as Keller, Raabe, Storm, and Meyer receive especial attention. Occasional written reports on outside reading are required.

PROFESSOR KELLY; 3 hours.

ROMANCE LANGUAGES

All courses in the Romance languages are elective for Juniors and Seniors who have satisfactorily completed the prerequisites. The courses in Spanish and Italian are primarily for Juniors and Seniors.

FRENCH

Students wishing to qualify for French 1 may present a satisfactory certificate of their school instruction in French, or may pass an examination in French A.

A. *Course for Beginners*. Elementary grammar and the reading of simple texts. Emphasis will be laid on pronunciation.

PROFESSOR CARPENTER; 3 hours.

1. Grammar, composition, and reading, both in the classroom and as outside work. Prerequisite, *French A* or its equivalent.

PROFESSOR CARPENTER; 3 hours.

2. Reading of French classics, both in the classroom and as outside work. Typical works of the following authors are read: Corneille, Racine, Molière, La Fontaine, La Bruyère, Mme. de Lafayette, Voltaire, Chateaubriand, Hugo, Balzac. Occasional lectures on the history of French literature. Prerequisite, *French 1* or its equivalent.

PRESIDENT COMFORT; 3 hours.

3. Rapid reading course in French literature of the eighteenth and nineteenth centuries, both in the classroom and as outside assignments. The Wednesday hour will be devoted to composition. Prerequisite, *French 2*.

PROFESSOR CARPENTER; 3 hours.

4. *History of French Literature*. Lectures, with collateral reading and reports on the history of French literature from its origins to the present time. Prerequisite, *French 2*.

PRESIDENT COMFORT; 3 hours.

SPANISH

A. *Course for Beginners*. Grammar, composition, and reading.

PROFESSOR CARPENTER; 3 hours.

1. *Spanish Literature*. Reading in class of selected works by authors of the nineteenth century and of the Golden Age. Composition.

PROFESSOR CARPENTER; 3 hours.

[Not offered in 1923-24.]

ITALIAN

A. *Course for Beginners.* Grammar, composition, and reading.

PROFESSOR CARPENTER; 3 hours.

[Not offered in 1923-24.]

MATHEMATICS

The courses in mathematics are arranged as far as possible to suit the needs of those students who (1) take them as part of their required Freshman work and do not intend to proceed further in mathematics, or (2) elect them as a minor subject and take either physics or engineering as a major subject, or (3) elect them as a major subject.

Courses 1, 2, 3, and 4 are given every year. The electives offered in any one year will be such as the needs of the department may require. Courses, either for undergraduates or graduates, on certain subjects other than those named below may be arranged for by consultation with the instructor.

In the Library will be found some of the principal journals, treatises, and collected works. Other works and journals may be consulted in neighboring libraries. In one of the lecture rooms is a collection of mathematical models.

Courses $1a$, $1b$, $1a'$ and $1b'$ are required of all Freshmen, except that students who have presented solid geometry and trigonometry for entrance must substitute $1c'a$ for $1a'$, $1c'b$ for $1b'$. The required courses, together with $1c$, constitute the honor courses in mathematics for Freshman.

Course 2 is for Sophomores. This course, together with $2c$, constitutes the honor course in mathematics for Sophomores.

Course 3 should be taken by students electing mathematics in the Junior year. This course, together with 3c, constitutes the honor course in mathematics for Juniors.

The Freshman and Sophomore prizes in mathematics are open only to students taking the honor courses in these years.

1a and 1b. *Algebra*, including undetermined coefficients, the binomial theorem for fractional and negative exponents, permutations and combinations, probability, determinants, infinite series, and the elements of the theory of equations. Fine, *College Algebra*.

PROFESSOR REID; 2 hours.

1a'. *Solid Geometry and Mensuration*. Thompson, *Solid Geometry*.

PROFESSOR WILSON; 2 hours, first half-year.

1b'. *Trigonometry*. The elements of plane trigonometry, including the solution of right and oblique plane triangles, with applications to practical problems. Hun and MacInnes, *Plane Trigonometry*.

PROFESSOR WILSON; 2 hours, second half-year.

1c. *Special Topics in Algebra*.

PROFESSOR REID; 1 hour.

1c'a. *Elementary Statics*. 1c'b. *Elementary Dynamics*, with applications. These courses are open to all Freshmen who have passed examinations on acceptable courses in solid geometry and trigonometry in preparatory schools, and they must be taken by those who present these subjects as entrance credits.

PROFESSOR WILSON; 2 hours.

2. *Plane Analytic Geometry and Differential Calculus*. Fine and Thompson, *Coördinate Geometry*. Murray, *Differential Calculus*.

PROFESSOR WILSON; 3 hours.

2c. *Special Topics in Analytic Geometry.*

PROFESSOR WILSON ; 1 hour.

3. *Solid Analytic Geometry, Integral Calculus and Elementary Differential Equations.* Fine and Thompson, *Coordinate Geometry.* Murray, *Integral Calculus.*

PROFESSOR REID ; 3 hours.

3c. *Special Topics in Calculus.*

PROFESSOR REID ; 1 hour.

4. *Mechanics.* An historical sketch of the discovery of the principles of mechanics, followed by the mathematical treatment of statics, dynamics of a particle, and elementary rigid dynamics. Prerequisite, *Mathematics 3*, though under certain circumstances *Mathematics 3 and 4* may be taken the same year.

PROFESSOR WILSON ; 3 hours.

A selection from the following courses is given each year. A student wishing to take any of them should apply to the professor in charge.

5. *Introduction to the Theory of Functions.* Prerequisite, *Mathematics 3.* Pierpont, *Functions of a Complex Variable.*

PROFESSOR REID ; 3 hours.

6. *Theory of Equations.* Cajori, *Theory of Equations.* An introduction to the Galois theory.

PROFESSOR REID ; 3 hours, half-year.

7. *Elements of the Theory of Algebraic Numbers.*

PROFESSOR REID ; 3 hours.

8. *Course in Analysis.* Wilson, *Advanced Calculus*, and lectures.

PROFESSOR REID ; 3 hours.

9. *Differential Equations*. First half-year, equations with the real variable; second half-year, equations with the complex variable. Prerequisites, *Mathematics 3 and 5*.

PROFESSOR WILSON; 3 hours.

HISTORY

Course 1 is elective for Freshmen and Sophomores. Course 2a is required of Sophomores, except in the following cases: students who have passed American History in preparatory school, or have taken History 1 in their Freshman year, may substitute another course for History 2a. Courses 3, 4, 5 and 6 are elective for Juniors and Seniors; and Course 5 is elective also for Sophomores who have had History 1.

1. *English History*. A survey of political, constitutional, economic, and social history, intended as an introductory course. Open to Freshmen and Sophomores.

PROFESSOR LUNT; 3 hours.

2a. *American History*. A general course, including a brief survey of the colonial period and a more detailed study of the constitutional period to the close of the Civil War.

PROFESSOR KELSEY; 3 hours, first half-year.

3b. *United States History Since the Civil War*. In this course emphasis is laid upon those developments that help to explain the great political questions of the present.

PROFESSOR KELSEY; 3 hours, second half-year.

4. *English Constitutional History*. A study of the formation and growth of English institutions, designed to be useful particularly to those who are interested in government and law. Elective for Juniors and Seniors. After 1923-24 this course will be given only in alternate years. It will not be given in 1924-25.

PROFESSOR LUNT; 3 hours.

5. *Medieval History*. A survey of the history of Europe from the time of the barbarian invasions to about 1600. This course will be given only in alternate years. Elective for Juniors and Seniors. Sophomores who have had History 1 may also enter the course.

PROFESSOR LUNT; 3 hours.

6. *Modern History*. This course is designed to lead the student through the avenues of history to an understanding of modern political problems. The first part of the course is a brief survey of European history since 1648. This is followed by a more detailed study of the period since 1789.

PROFESSOR KELSEY; 3 hours.

[Not offered in 1923-24.]

10a. *Greek History*. In this course the history of ancient Greece to the Roman period is covered in outline. Particular attention is paid to literary sources in translation, to the political and artistic development of Athens, and to the history of federal government. A text-book is used, supplemented by lectures, outside reading, and frequent reports on special topics.

PROFESSOR POST; 3 hours, first half-year.

ECONOMICS AND SOCIOLOGY

Economics 1b is required of all Sophomores; Economics 3b must be preceded by 2a; Sociology 1a and 2b are open to Sophomores. It is desirable that Sociology 1a should precede 2b. All other courses are elective for Juniors and Seniors only.

ECONOMICS

1b. *Elementary Economics*. The purpose of this course is to acquaint the student with the fundamental principles of economic science and to promote his preparation for the

duties of citizenship. The principles are developed from a study and discussion of the actual processes and organization of industrial society. Several series of problems are set for solution and discussed in connection with the study of text-books and collateral reading.

PROFESSORS BARRETT AND WATSON ; 3 hours, second half-year.

2a. *Labor Problems.* A study is made of the labor movement, but with especial reference to the United States. Causes of industrial unrest, and methods of promoting industrial peace, including labor legislation, are analyzed and discussed.

PROFESSOR WATSON ; 3 hours, first half-year.

3b. *Personnel Administration.* A study of the efficiency movement as applied to business, especially in the field of industrial relations. A comprehensive study of the nature, objects, and technique of personnel administration in industry will be made.

PROFESSOR WATSON ; 3 hours, second half-year.

4b. *Money and Banking.* The course begins with a review of the principles of money and of the functions of a bank, followed by a brief survey of the history and present practice of banking in leading countries, but with extended study of conditions in the United States. Such problems as the monetary standard, credit, price movements and their effects on incomes and the cost of living, crises, foreign exchange, and the organization and operation of the Federal Reserve system are considered.

PROFESSOR BARRETT ; 3 hours, second half-year.

5b. *Financial Topics.* Important steps in the monetary, banking, and financial development of the United States. Especial attention is given to the greenbacks and

the resumption of specie payments, constituting a study of America's experience with paper money in the period 1861-1879. Inflation of currencies and price movements in various countries resulting from the war of 1914 are studied. This course should be preceded by Economics 4b or accompany it. Given by special arrangement only.

PROFESSOR BARRETT; 3 hours, second half-year.

6a. *Business Organization and Finance.* A study is made of business organization and functions, with especial emphasis on financing. The topics include forms of organization, covering individual proprietorships, partnerships, and corporations; legal rights and duties of the parties in the organization; the different functions of business enterprise—producing or rendering services, selling, financing, and management; problems of governmental regulation of combinations and trusts.

PROFESSOR BARRETT; 3 hours, first half-year.

7a. *Transportation.* The historical development and present status of railway systems and water transportation in the United States are treated. The problems of rate-making, war-time operation, Federal control, nationalization, and governmental regulation of operation, service, rates, credit, and railroad labor, are discussed.

PROFESSOR BARRETT; 3 hours, first half-year.

SOCIOLOGY

1a. *Sociology and Modern Social Problems.* This course combines the study of sociology with a study of current social problems. The chief factors in social organization and evolution and other principles of social life are illustrated by a study of concrete problems selected from contemporary American society.

PROFESSOR WATSON; 3 hours, first half-year.

2b. *Social Work of Today*. The purpose of this course is to give a many-sided consideration of the ways in which social work has already interpenetrated and become closely related to the more outstanding permanent institutions of society—the home, the school, industry, the church, public opinion, the court and the law, and health.

PROFESSOR WATSON ; 3 hours, second half-year.

BIBLICAL LITERATURE

All Juniors are required to take either 1a or 4a. The other courses are elective.

1a. *Introduction to the Old and New Testaments*. The literature of the Bible with its historical background.

PROFESSOR GRANT ; 3 hours, first half-year.

2b. *Introduction to the New Testament*. The life and thought between the Testaments ; the development of the writings of the New Testament ; their origin, purpose, and contents. Prerequisite *Biblical Literature 1a*.

PROFESSOR GRANT ; 3 hours, second half-year.

3a. *Christian Ideals*. The chief teachings of the New Testament ; their rise and development.

PROFESSOR GRANT ; 3 hours, first half-year.

4a. *Greek New Testament*. Reading in Greek of the New Testament and other early Christian writings, two hours a week. Lectures, one hour a week, in explanation of the historical, literary, and doctrinal content.

PROFESSOR GRANT and PROFESSOR POST ; 3 hours, first half-year.

[Not offered in 1923-24.]

5b. *The Thoughts and Ideals of the Old Testament*. Their origins, relationships, and influence. Prerequisite *Biblical Literature 1a*.

PROFESSOR GRANT ; 3 hours, second half-year.

6a or b. *Biblical and Oriental Conference.* Different problems within the field will be chosen each semester for investigation. May be taken as a year course, or in either half.

PROFESSOR GRANT; 3 hours.

PHILOSOPHY

Course 1b is required of all Juniors. Course 5a is required of all Seniors. All other courses are elective for Juniors and Seniors. But Course 6 is intended primarily for advanced students or graduate students and may be taken only by special permission of the instructor.

1b. *Psychology.* A course in general psychology. James, *Psychology (Briefer Course)*, is used as a text-book supplemented by lectures. A short series of lectures is also given on logic.

PROFESSOR JONES; 3 hours, second half-year.

2. *The Development of Religious Thought.* This course will deal with the nature of religion, its psychology, its early development, and the interpretation of it in some of the great religious systems other than the Christian. It will then proceed with a brief study of the rise and early development of Christianity. It will then deal with the great types of Christian thought in its development in different epochs of the Church from the end of the Apostolic Age down to modern times, including the intellectual movement of the first three centuries, the Augustinian conception of Christianity, the Lutheran, the Calvinistic, the Quaker conceptions, and modern religious thought. Lectures, assigned reading, and theses.

PROFESSOR JONES; 3 hours.

4. *History of Philosophy*. The chief systems of philosophy from the earliest period down to the present time. The development of theories of idealism receives special attention. The text-books required are Cushman, *A Beginner's History of Philosophy*, and Calkins, *The Persistent Problems of Philosophy*. Lectures, collateral reading, discussions, and theses.

PROFESSOR JONES; 3 hours.

5a. *Ethics*. This course covers the field of ethics, the nature of ethical goodness, the fundamental characteristics and implications of personality, the nature of conscience, the possibility and scope of freedom, and theories of the ethical end of life. Some one system of ethics must be mastered by the student and be presented in a thesis.

PROFESSOR JONES; 3 hours, first half-year.

6. *Religious and Philosophical Movements*. This course is for advanced students and honor men only, and is conducted on the seminar method. Different epochs are studied from year to year.

PROFESSOR JONES; 2 hours.

ASTRONOMY

The Haverford College Observatory affords students the means of becoming familiar with the use of astronomical instruments, and of acquiring from actual observation a practical acquaintance with astronomy.

The equipment consists of an equatorial telescope with 10-inch object glass by Clark, eyepieces, filar micrometer and a Grubb prismatic spectroscope; a meridian circle telescope of $3\frac{3}{4}$ -inch aperture; a combined transit and zenith telescope of $1\frac{3}{4}$ -inch aperture; two sextants; two clocks; a chronograph by Bond; charts, globes, and in-

struments for elementary laboratory exercises. The astronomical library is housed in the Observatory.

The latitude of the Observatory is $40^{\circ} 0' 40.1''$ north; its longitude, 5 h. 1 m. 14.5 sec. west from Greenwich.

1a. *Descriptive Astronomy*. The leading facts of astronomy with an elementary explanation of the methods by which they are ascertained. One of the three hours of the course will be used as a laboratory period devoted to the study of the constellations, the handling of the telescopes (used for illustration of the text), problems with the globe, and study of the *American Ephemeris*. Moulton, *Introduction to Astronomy*.

PROFESSOR WILSON; 3 hours, first half-year.

[Not offered in 1923-24.]

2b. *Practical Astronomy*. A study of the sextant, transit, and equatorial; practice in the determination of instrumental constants, latitude, and time. The course is opened with a brief review of the essentials of spherical trigonometry. Campbell, *Practical Astronomy*, with use of the *American Ephemeris*. Lectures and observatory work. Prerequisite, *Astronomy 1a*.

PROFESSOR WILSON; 3 hours, second half-year.

[Not offered in 1923-24.]

BIOLOGY

The biological laboratory occupies the upper two floors of Sharpless Hall, the upper west wing being devoted to a laboratory of physiology and hygiene. It is equipped with microscopes, reagents, and other necessary apparatus and appliances. It also contains several hundred biological works and zoological, anatomical, and botanical charts.

The courses of the department are suitable for students intending to study medicine. Course 1 is required of all

Freshmen. Courses 2 to 11 are elective, but Courses 3 to 5, inclusive, must be preceded by Course 2.

1a. *Physiology and Hygiene*. This course is preparatory to the general physical training required by the College, and includes a series of lectures, with collateral text-book reading, on simple hygiene and preventive cautions, the theory of physical training and a brief review of general physiology including the special sense organs.

PROFESSOR BABBITT; 1 hour, half-year.

2. *Elementary Biology*. The lectures of this course are devoted to a discussion of the fundamental principles of the structure and life-processes of animals and plants and also of some of the more important questions relating to their origin and evolution. The laboratory periods are devoted to the practical study of typical representatives of some of the greater groups of animals and plants. Occasional field excursions are taken in order to study animals and plants in their natural environment. Two lectures and two laboratory periods a week.

PROFESSOR PRATT; 4 hours.

3. *Comparative Anatomy of Vertebrates*. The laboratory work of this course includes the dissection and study of a cartilaginous and a bony fish, an amphibian, a reptile, a bird, and a mammal. One lecture and two laboratory periods a week.

PROFESSOR PRATT; 3 hours.

[Not offered in 1923-24.]

4. *General Morphology*. This course is intended for those who may wish to make a more extended study of any group of animals or plants than is possible in the other courses.

PROFESSOR PRATT; 3 hours, or more.

5. *Histology and Embryology of Vertebrates.* The laboratory work in this course is devoted to the study of vertebrate histology and to the embryology of the frog, the chick, and the pig. One lecture and two laboratory periods a week.

PROFESSOR PRATT; 3 hours.

6b. *General Botany.* The laboratory work of this course consists of the dissection and study of typical representatives of the principal groups of plants. One lecture or recitation and two laboratory periods a week.

PROFESSOR PRATT; 3 hours, second half-year.

7. *Evolution and Heredity.* This is a general cultural course, intended not only for scientific students but for all who wish to be informed on current biological matters and theories. It consists of lectures and readings on animals and plants, and on the most important theories of the nature and maintenance of life and of evolution and heredity.

PROFESSOR PRATT; 3 hours.

[Not offered in 1923-24.]

8a. *Human Anatomy.* A course in general and applied anatomy preparatory to medical, legal, and teaching professions. This includes general osteology, syndesmology, and myology and the complete anatomy of the upper and lower extremities. The equipment includes skeleton, manikin, models, and charts. The course will be supplemented by visits to the dissecting rooms and anatomical museums in Philadelphia.

PROFESSOR BABBITT; 3 hours, first half-year.

9b. *Advanced Anatomy.* This continues the previous course and includes special study of organs in the thoracic and abdominal cavities and general nervous system. The

functional as well as the morphologic side will be emphasized, and intensive study of general nutrition, internal secretions, and cerebro-spinal system will be included.

PROFESSOR BABBITT; 3 hours, second half-year.

10a. *General Bacteriology*. A course in general and pathogenic bacteriology. It includes laboratory investigation of molds, yeasts, and household bacteriology, followed by the more important pathogenic types, with facilities for study of culture media. Municipal sanitation and general epidemiology will also be included and visits made to the public laboratories of hygiene.

PROFESSOR BABBITT and DR. TAYLOR; 3 hours, first half-year.

11b. *Advanced and Applied Physiology*. This is a course in general physiological study, both theoretical and laboratory, of the internal organs, and includes special analysis of blood, digestive secretions, general excretions, and a careful functional study of thoracic, abdominal and reproductive organs, as well as brain and nervous system. Special provision is made for study of the heart and circulatory organs.

PROFESSOR BABBITT and DR. TAYLOR; 3 hours, second half-year.

GEOLGY

1a. *Elementary Geology*. A discussion of the general principles of the science. Excursions are taken occasionally in which the physiographical and geological features of the country about Haverford are studied.

PROFESSOR PRATT; 3 hours, first half-year.

CHEMISTRY

Course 1 is planned to be of general educational value and to give at the same time an accurate knowledge of elementary chemistry. The more advanced courses are designed primarily to satisfy the requirements for admission to the medical schools and to furnish as thorough a training as time will permit in the fundamentals of the science for those who will proceed to graduate study in chemistry and to courses in engineering at the universities. Students intending to study medicine or to specialize in chemistry are advised to begin chemistry in their Freshman year. Students intending to elect chemistry as a profession should include French, German, mathematics, and physics in their curriculum.

Courses 3, 5*b*, and 6*a* will be omitted in 1923-1924 and Course 4 in 1924-1925. For information regarding prizes in chemistry see pages 92 and 95.

1. *General and Inorganic Chemistry.* Preparation, properties and uses of the commoner elements and their compounds. Fundamental laws and theories, including the theory of ionization and some of its applications. Metallurgy of iron, copper and other metals. Manufacture of sulfuric acid, soda, glass, porcelain, cement and fuel gases. The laboratory work will illustrate and supplement the facts brought out in the lectures, and will include in addition the qualitative analysis of single salts. 2 hours lectures and 5 hours laboratory work; 4 hours lectures in the 4th quarter. McPherson and Henderson, *A Course in General Chemistry*; Norris and Mark, *Laboratory Exercises in Inorganic Chemistry*.

There will be an advanced section in connection with this course to which those who have had chemistry in preparatory school may be admitted.

PROFESSOR MELDRUM, MR. ATKINSON, MR. HEYER and MR. MEAD; 4 hours.

2. *Qualitative Analysis*. Prerequisite, *Chemistry 1*. The lectures will deal with spectrum analysis, colloids, and the ionization theory and its applications in explaining solution phenomena and the mechanism of chemical reactions in solution. The laboratory work will consist of the systematic separation and identification of the commoner metals and acid radicals usually met with in inorganic chemistry, and the qualitative analysis of "unknown" solutions, minerals, alloys and other substances. 5 hours laboratory work throughout the year; 2 hours lectures during the 1st and 2nd quarters. A. A. Noyes, *Qualitative Analysis*; Chapin, *Second Year College Chemistry*.

PROFESSOR MELDRUM, MR. ATKINSON and MR. HAVILAND; 3 hours.

3. *Quantitative Analysis*. *Chemistry 1* is prerequisite to this course; *Chemistry 2* should also precede it. Lectures on the general principles of gravimetric, volumetric, electrolytic and colorimetric methods of analysis, the preparation of pure substances, and illustrative types of quantitative separations. In the laboratory typical methods will be applied. 2 hours lectures, 1st and 2nd quarters; 5 hours laboratory work throughout the year. Talbot, *Quantitative Analysis*.

PROFESSOR MELDRUM, MR. ATKINSON and MR. HAVILAND; 3 hours.

[Not offered in 1923-24.]

4. *Organic Chemistry*. Prerequisite, *Chemistry 1*. The study of the compounds of carbon, including both aliphatic and aromatic derivatives. 2 hours lectures and 2½ hours laboratory work. West, *Experimental Organic Chemistry*.

PROFESSOR MELDRUM; 3 hours.

5b. *Physical Chemistry*. Prerequisites, *Chemistry 1* and *Chemistry 2*. The course deals with the physical laws relating to chemical systems. Such topics as the following will be discussed: the gas laws, critical phenomena, and the liquefaction of gases; osmotic pressure and other solution phenomena; kinetics of reactions; the phase rule; electrochemistry; thermochemistry. 2 hours lectures and 2½ hours laboratory work. Millard, *Physical Chemistry for Colleges*.

PROFESSOR MELDRUM; 3 hours, second half-year.

[Not offered in 1923-24.]

6a. *Organic Chemistry*. Open to those who have passed *Chemistry 4*. A continuation of Course 4, dealing particularly with generalizations and theories of organic chemistry, presented largely as special topics by the students. The laboratory work will consist of the quantitative analysis and identification of organic substances. 2 hours lectures and 2½ hours laboratory work.

MR. ATKINSON; 3 hours, first half-year.

[Not offered in 1923-24.]

PHYSICS

The department of physics has at its disposal the electrical laboratory in Founders Hall, and occupies two floors in Isaac Sharpless Hall. All the rooms are equipped with direct and alternating current, compressed air and vacuum connections.

Physics A, intended for those who have never studied Physics before, covers the same ground as Entrance Physics; and one or the other of these courses is a prerequisite for Physics 1. Physics 1 covers the work required for admission to medical schools and other graduate institutions.

A. *Elementary Physics.* The student is made familiar with physical laws and their applications to daily life, and receives sufficient preparation to enable him to pursue the subject further. Emphasis is laid on the solution of problems. There are two lectures or recitations and one laboratory period per week. Text-book, Black and Davis, *Practical Physics*.

MR. SAGEBEER; 3 hours.

1. *General Physics.* This course is open to those who have offered physics for entrance to College or have passed Physics A. Mechanics, sound, heat, light, magnetism, and electricity are studied with the help of problems and lecture demonstrations. A feature of this course is the laboratory work, the chief aim of which is accuracy of observation and of measurement. The text-book is Spinney, *General Physics*.

PROFESSOR PALMER and MR. SAGEBEER; 4 hours.

3. *Molecular Physics.* A brief study is made of the characteristics of atoms and molecules when at rest and in motion, followed by an investigation of the phenomena observed during the discharge of electricity through gases, and radio-activity. The latter part of the course is devoted to a study of the electron theory of matter and atomic structure. There is no text-book, but a great deal of reading is required in the library of reference books. There is no laboratory work, but experiments are performed by

the members of the class working together with the instructor. Prerequisites, Physics 1 and Chemistry 1.

PROFESSOR PALMER; 3 hours.

10. *Physics Seminar*. This course may be taken as Honors work. Reading will be assigned upon selected topics. Advanced students who devote the requisite number of hours to it may count this course toward a degree. Experimental work of a nature preliminary to research work may be carried out in a special field of investigation.

PROFESSOR PALMER; hours by arrangement.

Courses 2, 4 and 5 are half-year courses, and may be offered in either half-year according to the needs of those electing them.

2. *Electricity and Magnetism*. Lectures and laboratory work. This course is an extension of Physics 1 and includes a discussion of such topics as Kirchhoff's laws, magnetism in iron and other metals, resistance, current strength, potential, capacity, inductance and the laws of the magnetic circuit.

PROFESSOR PALMER; 3 hours, half-year.

4. *Electric Waves*. This course includes a study of the phenomena of electrical oscillations, Hertz waves, and the elementary principles of radio-telegraphy. Prerequisite, Physics 1.

PROFESSOR PALMER; 3 hours, half-year.

5. *Optics*. Lectures and laboratory work. This course is a continuation of Physics 1, covering reflection, refraction, dispersion, interference, diffraction, and polarization. The last part of the course is devoted to a brief study of magneto-optics, and the laws of radiation. The optical laboratory is equipped with the necessary apparatus for such quantitative determinations as may be required.

PROFESSOR PALMER; 3 hours, half-year.

ENGINEERING

The engineering courses are designed to give a thorough training in fundamental engineering principles and as far as practicable to illustrate the application of these principles to their associated industries.

Exceptional facilities for observing the practical side of the work are offered by the many manufacturing companies in and near Philadelphia, and frequent inspection trips are made.

The lack of a general or broad education as well as the lack of thoroughness in fundamentals has been quite universally recognized as limiting the usefulness and opportunities of many in the engineering profession. To provide against these deficiencies, students electing courses in engineering will be required to pursue studies of a general nature (history, ethics, economics, languages, etc.) throughout the four years, and to concentrate largely on mathematics, physics, and chemistry, the fundamentals of all engineering. This combination of breadth with thorough groundwork prepares the way for the highest professional development.

A proper selection of electives from the several departments will meet the requirements of varied prospective future careers.*

For the needs of those desiring still more advanced technical courses before entering the active work of the profession, very favorable arrangements may be made with technical institutions, all of which grant substantial credit toward advanced standing for work completed at Haverford.

The wood-working and metal-working shops, the laboratory for testing materials and the draughting-room are

* See p. 41 for sample schedule in *General Engineering*.

housed in Whitall Hall. A complete equipment is provided for carrying on bench and machine-tool work in both wood and metal. Steam-engine indicators, standard pressure gauges, calorimeters and electrical measuring-instruments, in connection with the central heating and lighting plant, afford good opportunity for the testing of boilers, engines, air-compressors, dynamos and auxiliaries. A 30,000-pound Riehle screw testing-machine is part of the equipment for testing materials and for studying the laws of stress and strain. The equipment of the draughting-room includes a number of pieces for study and sketching, such as pumps, safety-valves, shaft-hangers, etc.

The electrical engineering laboratory occupies the first floor of the west wing of Founders Hall. The apparatus in this laboratory was selected to illustrate the modern applications as well as the fundamental principles. This includes many types of generators and motors, both alternating and direct; a complete line of measuring instruments; arc and incandescent lamps; galvanometers; bridges, standards, etc. Direct and alternating currents of all necessary varieties are available for tests and calibrations.

Courses 1, 2, and 3 are given, normally, in the first or second half-year, as indicated by *a* or *b*, but may be elected, when the student is properly qualified, in either half-year. Special courses in shop methods, in drawing, in descriptive geometry or in design may be arranged by application to the professor in charge.

1a. *Principles of Mechanical Drawing.* Lettering, orthographic projection, nomenclature, conventions, principles of perspective for pictorial sketches, etc. Anthony, *Mechanical Drawing.*

PROFESSOR CHASE; 3 hours, half-year.

1b. *Descriptive Geometry and Shop Methods.* Principles and applications of descriptive geometry. Faunce, *Descriptive Geometry*. Two periods a week. Pattern and foundry work. Reference library. One period a week.

PROFESSOR CHASE and MR. RANTZ; 3 hours, half-year.

2a. *Mechanism.* Velocity diagrams, quick return motions, transmission gears, valve gears, etc. Two recitations and one draughting-room period a week. Schwamb, Merrill and James, *Elements of Mechanism*.

PROFESSOR RITTENHOUSE; 3 hours, half-year.

2b. *Working Drawings and Shop Methods.* Sketching, detail drawings, notation, tracings, blue-prints, etc. Two periods a week. Bench work in iron, forging and study of materials. One period a week.

PROFESSOR CHASE and MR. RANTZ; 3 hours, half-year.

3a. *Engineering Design.* Empirical methods, including detail and assembly drawings. Principles of graphic statics.

PROFESSORS RITTENHOUSE and CHASE; 3 hours, half-year.

3b. *Shop Methods.* Machine-tool work on the lathe, planer, milling machine, shaper, etc. Modern production methods; costs and time studies.

MR. RANTZ; 3 hours, half-year.

4a. *Heat Engineering.* This course includes a study of steam and gas engines, condensers, air-compressors, steam-boilers, power-plant economies and the cost of power. Horse-power tests are made and efficiencies studied. The thermo-dynamic principles involved are considered in the latter half of the course. An additional hour in valve-gear work may be elected. Allen and Bursley, *Heat Engines*.

PROFESSOR RITTENHOUSE; 3 hours, first half-year.

5b. *Mechanics of Materials.* A study of the materials employed in engineering construction; of stress and strain; of beams and columns; of shafting; of girders, trusses, combined stresses, etc. A series of tests on the screw testing-machine is made by each student. Boyd, *Strength of Materials*.

Students completing this course may arrange to take a course in structural design. The work in this will be arranged to suit the needs of those who elect it. It will include graphic statics and the design or analysis of a complete roof or bridge truss.

PROFESSOR RITTENHOUSE; 3 hours, second half-year.

6b. *Elementary Plane Surveying.* This course covers the fundamental principles and the approved methods of surveying, computing and plotting. The field work includes the use of the tape, compass, transit and level. Text-book, Tracy, *Plane Surveying*.

PROFESSOR RITTENHOUSE; 3 hours, second half-year.

10a. *Elements of Applied Electricity.* This course while fundamental to the more advanced electrical courses is adapted to the needs of those students desiring practical experience with the common applications of electricity. It includes a study of circuits, generators, motors, lamps, transformers, heaters, the telephone, etc. The instruction is carried on by text-book and laboratory work.

PROFESSOR RITTENHOUSE; 3 hours, first half-year.

10b. *Direct Current Apparatus.* A detailed study of direct current apparatus by text-book, lectures and laboratory work. An analysis of power costs and rates, etc.

PROFESSOR RITTENHOUSE; 3 hours, second half-year.

11a. *Alternating Current Apparatus.* The theory of alternating currents and a study of alternating current apparatus. At least one laboratory period a week.

PROFESSOR RITTENHOUSE; 3 hours, first half-year.

11b. *Measurements in Electricity and Magnetism.* This course will be adapted to the needs of the students electing it. A study of units, standards and the calibration of instruments is included. The recent technical publications of the Bureau of Standards and of the engineering societies are used for reference.

PROFESSOR RITTENHOUSE; 3 hours, second half-year.

PHYSICAL TRAINING

The college equipment for outdoor athletics includes: Walton Field for Rugby football and track sports, with a concrete grandstand and 440-yard oval and 220-yard straightaway cinder tracks; the Class of 1888 and Merion Fields for Association football; a skating pond; Cope Field for cricket, with players' pavilion and shed for winter practice; a baseball diamond; and seven tennis courts.

The Gymnasium contains a main floor, sixty by ninety feet, equipped with the most improved appliances for American and Swedish gymnastics. It has an inclined running track, five feet in width. Adjoining the main floor are offices for the use of the directors in physical examination and measurement, and special student conferences. Adjoining the main hall is a large and comfortable reading-room with magazines and papers. Above are a trophy room and apartments for the use of the College athletic managers and alumni. The basement contains dressing-rooms, a number of well-ventilated lockers, shower-baths, a swimming-pool, and a double bowling-alley. There is a

special dressing-room provided for the faculty and visiting athletic teams.

A thorough physical examination is given to each student upon entrance, and another at the end of the Sophomore year. No student whose physical condition is unsatisfactory will be permitted to represent the College on any athletic team. Ability to swim two lengths of the gymnasium pool is required of Sophomores before leaving the required Physical Training Course.

Course 1 is required of Freshmen in connection with Biology 1a (see page 65), Course 2 of Sophomores. Course 3 is elective for Seniors and Juniors, but it may be substituted for Course 2 by Sophomores who pass qualification tests at stated periods.

These courses are arranged in accordance with the plan for all-year physical training during Freshman and Sophomore years.

Physical Training 1. A course of instruction in athletic games, partly elective, first and fourth quarters, and in systematic gymnastic training (calisthenics, marching, and apparatus work), second and third quarters.

2 hours, first and fourth quarters.

3 hours, second and third quarters.

Physical Training 2. A course of instruction in athletic games, partly elective, first and fourth quarters, and in advanced gymnastic training, second and third quarters.

2 hours, entire year.

Physical Training 3. Elective practice in advanced gymnastic work; track, soccer and cricket practice with team squads. The former is open to members of the faculty.

DR. BABBITT and MR. EVANS.

LIBRARY

The College Library now contains about ninety thousand volumes, besides numerous classified but uncatalogued pamphlets. It has been selected and arranged with the object of making it especially useful to college professors and students. All have free access to the shelves and are permitted to withdraw from the Library any volume except those reserved for special reasons. The Librarian and assistants will do anything they can to help readers to use the Library intelligently and independently.

About seven thousand dollars is expended yearly for the purchase of books and periodicals. The Library is a regular government depository and receives from other sources many substantial gifts and bequests.

The collection of Quaker literature is probably the most complete in America. The William H. Jenks collection of Friends' tracts, mostly of the seventeenth century, numbers about fifteen hundred separately bound titles.

The Library possesses the fine Harris collection of over sixty Hebrew, Greek, Latin, Arabic, Syriac and Ethiopic manuscripts collected by J. Rendel Harris; a collection of more than four hundred Babylonian clay tablets dating from B. C. 2500; and seven hundred reproductions in fictile ivory of ancient and medieval carved ivories.

Over two hundred literary and scientific periodicals are taken, besides many annual reports, year-books and irregular continuations.

The Library is open, with some exceptions, on week days from 8.30 A. M. to 10 P. M., and on Sundays from 3 to 6 P. M. While designed especially for the use of the officers and students, it affords to others the privilege of consulting and, under certain restrictions, of withdrawing books.

THE CHARLES ROBERTS AUTOGRAPH COLLECTION

This autograph collection, formed by the late Charles Roberts, of Philadelphia, a graduate (1864) and for many years a Manager of the College, was in 1902 presented to the College by his wife, Lucy B. Roberts. It consists of more than 11,000 items, embracing not only autograph letters of European and American authors, statesmen, scientists, ecclesiastics, monarchs, and others, but also several series of valuable papers. The whole collection, covering as it does the period beginning with the late fifteenth century and coming down to the present day, is one of unusual historical and literary interest.

It has been housed in a fireproof room, and a careful card catalogue has been prepared. The collection is open for inspection or research on application to the curator, Professor Kelsey.

GRADING OF STUDENTS

In determining the standing of the student, daily recitations, hour examinations, and final examinations are all considered. The grades attained by students in their college courses are indicated on reports, issued quarterly, by the five letters, A, B, C, D, E. A indicates a grade from 90 to 100, inclusive; B from 80, inclusive, to 90; C* from 70, inclusive, to 80; D* from 60, inclusive, to 70, and E indicates a failure. The numerical grades are not published. No student is permitted to graduate if his combined average for the Junior and Senior years is below C.

* But for Freshmen C indicates a grade from 65, inclusive, to 80, and from 50, inclusive, to 65.

HONORS

Honors are awarded for excellence in the studies of single departments. They are never given merely for performance of routine work in courses, but a considerable amount of extra work is demanded in every case.

Honors are of three kinds :

(a) *Honorable Mention*, to be awarded for work in a single course meeting not less than two hours per week throughout the year, plus additional work to the total amount of not less than 75 hours. Candidates for Honorable Mention must obtain the grade of A in the regular work of the course and pass creditably an examination on the additional work required. Two half-courses in the same department may be construed as a single course. Honorable Mention will be awarded for work in History 2a, or Economics 1b, provided the foregoing requirements as to grade and additional work are satisfied. History 2a may be counted as a full course for Preliminary Honors taken at the end of the Sophomore year.

(b) *Preliminary Honors*, to be awarded at the end of the Sophomore, Junior, or Senior year for not less than two full courses in a single department, plus additional work to the total amount of not less than 150 hours. Candidates for Preliminary Honors must obtain a grade of at least B in all courses required for such honors (see page 83) and a grade of A in such of these courses as are taken in the year in which they are candidates, and must pass creditably examinations on the additional work required.

(c) *Final Honors*, to be awarded upon graduation for work in the courses of a single department, plus additional

work to the total amount of not less than 250 hours. Candidates for Final Honors must take at least four full courses in the department in which they apply for honors, at least two of these courses being in the Junior and Senior years. They must in all of these courses obtain a grade of at least B and in those taken in the Senior year a grade of A, and must pass creditably examinations on the additional work required. There are three grades of final Honors: Honors, High Honors, and Highest Honors. The requirements for High Honors are of a more exacting nature than those for Honors, and Highest Honors are reserved for very exceptional cases. Both High Honors and Highest Honors are awarded only by special vote of the Faculty.

A student who has received the prescribed grade in the regular work of a course required for honors, but who has not done the additional work required in connection with such course, may, with the consent of the professor in charge, make up his deficiency in a later year, but in the case of Final Honors all such deficiencies must be made up by the end of the Junior year.

At the time of the award of Honors there shall be added to the general average for the year of each student receiving Honors, one-half of one per cent for each award of Honorable Mention, Preliminary Honors, or Final Honors. In any given year only one such addition may be made to a student's grade for work in any one subject.

COURSES REQUIRED FOR PRELIMINARY AND FINAL HONORS

	PRELIMINARY HONORS	FINAL HONORS
Greek	1, 2.	1, 2, 3, 4, 5.
Latin	1, 2.	1, 2, 3 <i>a</i> or 3 <i>b</i> and the equivalent of two full courses in addition.
English	1 and the equivalent of one full course in addition.	1 and the equivalent of three full courses in addition.
German	1, 2.	1, 2, and the equivalent of two full courses in addition.
French	1, 2.	1, 2, 3, 4.
Romance Languages	{ None given.	{ French 1, 2, 3, 4, and Honorable Mention in Spanish A and Italian A.
Mathematics	1, 2.	1, 2, 3, 5.
History	1 and 2 <i>a</i> , or two full courses.	Four full courses.
Economics	None given.	Economics 1, 2, 3, 4, 5, 6, 7, and Sociology 2.
Philosophy	None given.	1, 2, 4, 5.
Biology	2, 7.	2, 7, and the equivalent of two full courses from 3, 4, 5, 6, 8.
Chemistry	1 and 2, 3 or 4.	1, 2, 3, 4.
Physics	1 and the equivalent of one full course from 2, 3, 4, 5, 10.	1 and the equivalent of three full courses from 2, 3, 4, 5, 10. and Engineering 10 and 11.
Engineering	None given.	1, 2, and the equivalent of two full courses from 4, 5, 10, and 11.

DEFICIENT STUDENTS

Special opportunities for the removal of entrance conditions will be given in January and September.

Opportunities for the removal of first half-year conditions will be given in April and September.

Opportunities for the removal of second half-year conditions will be given in September and January.

Conditions in required courses should be removed at the first regular re-examination period after failure; if not then removed a fee of five dollars will be charged against the student at the next regular re-examination period, whether or not the make-up examination be actually taken. A student who has failed to remove a condition in a required course before that course is again offered shall repeat the course; an elective course may be repeated with the consent of the instructor. No course may be repeated more than once; failure to pass a repeated required course will thus prevent the student from obtaining his degree. For any course begun and either dropped after two weeks, or not passed at the regular examination or at the two succeeding make-up examinations, the student will be charged a fee of five dollars per half-year hour, whether the course be repeated or not. In case of conflict the repeated course shall take precedence over all other courses.

A student who is repeating a course, or who is deficient in class standing in excess of two half courses or who is carrying an entrance condition after the Freshman year, shall have his name appear in the student list of the current catalogue with an asterisk (*) to indicate that he is not in full class standing.

Any student whose record is such as to justify the belief that he is not availing himself of the opportunities offered

by Haverford College may be dropped. Usually a student who has more than two half courses of failures against him at the opening of College in September will be dropped.

DEGREES

BACHELOR OF ARTS AND BACHELOR OF SCIENCE

Students who have received credit for the full number of courses in prescribed and elective studies, provided they have for the Junior and Senior years a combined average of C, or above, are granted the degree of Bachelor of Arts or Bachelor of Science. For the difference in the requirements for the two degrees see page 39. The fee for the Bachelor's degree is fifteen dollars.

MASTER OF ARTS AND MASTER OF SCIENCE

Resident graduates who have received the Bachelor's degree from Haverford College or from an institution of equivalent standing may be admitted as candidates for the degree of Master of Arts or Master of Science. Such students must submit, in writing, for the approval of their instructors and the Faculty Committee on Advanced Degrees, a plan of study involving the equivalent of twelve hours a week in advanced courses. This shall be supplemented by additional intensive work equivalent to a three-hour course, which shall be distributed in a manner to be approved by the committee, or, at the option of the instructors concerned, by a thesis. This plan shall be filed with the Registrar before October 15th of the year in which the student begins work for the degree. No course shall be credited towards the Master's degree in which the grade attained is lower than B. The fee for the degree is twenty dollars.

ROOMS

Entering Freshmen may choose rooms in the order in which their application blanks for admission (see page 16) are received. For this choice a day is appointed, of which due notice is given in advance. Ten of the \$525 rooms are regularly reserved as a part of the apportionment for Freshmen. The choice of rooms by other students is governed by published rules.

A deposit of \$15 is required of all students, old and new, before a room is reserved. In case the student occupies the room, the amount will be deducted from his bill for the following year; otherwise it will be forfeited.

EXPENSES

The combined charge for tuition (\$200), board (\$250), and room-rent (\$75 to \$250, according to location), varies from \$525 to \$700 a year. This includes heat, electric light, attendance and the use of necessary bedroom furniture, *i. e.*, a chiffonier and a bed, the linen for which is furnished and laundered by the College for an annual fee of five dollars. Students will supply their own study furniture. In general two students share one study and each has his private bedroom adjoining. A few single rooms are also available. The number of students accommodated in the different halls is as follows:

Merion Hall,	9 at \$525 each
Merion Hall,	4 at \$550 each
Merion Hall,	22 at \$575 each
Founders Hall,	14 at \$525 each
Founders Hall,	10 at \$550 each
Founders Hall,	1 at \$575

Founders Hall,	2 at \$600 each
Founders Hall,	2 at \$625 each
Barclay Hall,	22 at \$525 each
Barclay Hall,	2 at \$550 each
Barclay Hall,	4 at \$575 each
Barclay Hall,	24 at \$600 each
Barclay Hall,	50 at \$625 each
Barclay Hall,	1 at \$650
Lloyd Hall,	44 at \$700 each

The charge for tuition of day-students is \$200 a year ; for tuition and mid-day meal, \$280 a year. For additional fees, see pages 84 and 85.

An annual infirmary fee of seven dollars is charged to all students living at the College. A laboratory fee (averaging ten dollars) and a bill for materials consumed and for breakage is charged in each of the laboratories. An annual gymnasium fee of two dollars is charged for supplying and laundering towels. An annual fee of two dollars is charged to all students for the privileges of the Haverford Union (see page 98). Books and stationery will, at the option of the student, be supplied by the College and charged on the half-yearly bills.

First term bills, for three-fifths of the student's total cash indebtedness for room, board, and tuition for the year, are rendered October first and must be paid before November first. Second term bills are rendered February first and must be paid before March first. Failure to pay within the specified time automatically cancels the student's registration.

A student is held financially responsible for any damage to his room.

THE MORRIS INFIRMARY

The Morris Infirmary, presented by John T. Morris, '67, has been in operation since the fall of 1912. It contains ten beds, a surgical room, an isolation ward for contagious diseases, and accommodations for physician and nurse. Every provision has been made for both residence and dispensary care of all student conditions, medical and surgical, occurring during the college year. Prompt relief is thus afforded from the dangers of infection through illness in the college dormitories.

Except for the infirmary fee mentioned above, the attendance of the regular nurse is free to students. Medical attendance for brief ailments is also given, free of charge, by the college physician.

SCHOLARSHIPS

All preliminary correspondence concerning scholarships should be addressed to the President of the College.

I. *Corporation Scholarships.* Sixteen scholarships of the annual value of \$300 each, awarded without application to the four students in each class who have the highest average scholarship. This is determined in the case of upper classmen from their general average for the year. In the case of the incoming Freshman Class the scholarships will be assigned immediately after the June examinations (see page 20) to those candidates entering by either plan of admission who are judged to be best prepared to do the work of the College.

II. *Senior Foundation Scholarships.* Six scholarships of the annual value of \$300 each offered to graduates of Earlham, Penn, Wilmington, Guilford, and Whittier Col-

leges, and Friends' University, nominated by their respective faculties.

III. *Isaiah V. Williamson Scholarships*. Two scholarships covering all minimum expenses of board and tuition. One will usually be awarded to a Senior and one to a Junior.

IV. *Richard T. Jones Scholarship*. One scholarship of the annual value of \$200.

V. *Edward Yarnall Scholarship*. One scholarship of the annual value of \$200. Open to Friends only.

VI. *Thomas P. Cope Scholarship*. One scholarship of the annual value of \$200. Open to Friends who intend to teach.

VII. *Sarah Marshall Scholarship*. One scholarship of the annual value of \$200.

VIII. *Mary M. Johnson Scholarship*. One scholarship of the annual value of \$200.

IX. *Joseph E. Gillingham Scholarships*. Four scholarships of the annual value of \$200 each "for meritorious students."

X. *Isaac Thorne Johnson Scholarship*. One scholarship of the annual value of \$225 available for a student of Wilmington College or a member of Wilmington (Ohio) Yearly Meeting of Friends.

XI. *Jacob P. Jones Scholarships*. Twenty-four scholarships of the annual value of \$150 each. At the discretion of the President six of these scholarships may be assigned within certain geographical districts. Eight scholarships of the annual value of \$100 each.

All scholarships are given for one year only, but, with the exception of II, they may be renewed by the College if the conduct and standing of the recipient be satisfactory.

The Senior Foundation Scholarships will thus be vacated yearly, and about one-fourth of the others.

The following regulations will govern the grant of scholarships:

1. No scholarship will be given to a student who has conditions.

2. No scholarship will be given to a student who is in debt to the College.

The scholarships named above are permanent foundations. In addition, the New York Alumni maintain a Freshman scholarship of two hundred dollars (\$200) for competition in the New York metropolitan district, and several other regional groups of Alumni are ready to assist deserving candidates from their districts. For information applicants are referred to the secretaries of the local Alumni Associations listed on the last page of this catalogue.

EMPLOYMENT BUREAU

In connection with the Dean's office there is an Employment Bureau through which students may be put in touch with many kinds of remunerative employment. Each year some men are able to make enough money to pay all their college expenses. During the past year seventy students earned \$5700 in eighteen different occupations.

FELLOWSHIPS

The Clementine Cope Fellowship, of the annual value of \$500, may be awarded by the Faculty to the best qualified applicant from the Senior Class. He is required to spend

the succeeding year in study at some American or foreign university approved by the Faculty.

Teaching Fellowships. Two fellowships of \$300 each, involving certain duties at Haverford College, are offered yearly to Haverford College graduates, on the Clementine Cope Fellowship Foundation. They are construed to cover all the charges of tuition, room, and board.

PRIZES

All prizes awarded in books are marked with appropriate bookplates. As soon as possible after the award a list of standard books, from which selection is to be made, should be submitted for approval to the head of the department awarding the prize. Books selected from the approved list may then be ordered through the College Office. The College grants an average discount of ten per cent. on prize books, and supplies and affixes the bookplates.

ALUMNI PRIZE FOR COMPOSITION AND ORATORY

The Alumni Association, in the year 1875, established an annual prize of \$50 in money for excellence in composition and oratory.

This prize is now divided between the two members of the winning team in the Senior-Junior debate.

THE EVERETT SOCIETY MEDALS

To the members of the winning team in the annual Sophomore-Freshman extemporaneous debate, medals are given in memory of the Everett Society.

THE CLASS OF 1896 PRIZES IN LATIN AND MATHEMATICS

These are two prizes worth \$10 each. They will be awarded in books at the end of the Sophomore year to the students who have done the best work for the two years in Latin and mathematics, respectively.

THE CLASS OF 1898 PRIZE IN CHEMISTRY

The Class of 1898 offers a prize of \$10 in books to the member of either the Junior or Senior Class who, in the judgment of the professor, shall have done the most thorough and satisfactory work in chemistry during the year. The prize will not be awarded twice to the same student.

THE CLASS OF 1902 PRIZE IN LATIN

The Class of 1902 offers a prize of \$10 in books to the Freshman whose work in Latin, in recitation and examinations combined, shall be the most satisfactory to the professor in charge of the department.

THE DEPARTMENT OF MATHEMATICS PRIZES

The Department of Mathematics offers two prizes, each of \$10 in books, one to be awarded at the end of the Freshman year, and the other at the end of the Junior year, to the most proficient students in mathematics.

THE ELLISTON P. MORRIS PRIZE

A prize of \$80, open to all undergraduates and to graduates of not more than three years' standing, is offered in alternate years for the best essay bearing on the general problem of "International Peace and the Means of Securing It." The next award will be made May, 1923, and will

be announced at Commencement. No prize will be awarded unless a high standard of merit is attained. Essays should be deposited with the Registrar not later than May 1st. The judges shall be appointed by the President of the College. For the 1923 competition the essays may be written on one of the following subjects:

1. From the Hague Tribunal to the International Court.
2. The Present Status of the League of Nations.
3. The United States and Arbitration.

Essays submitted by undergraduates for this prize may also be submitted for the Elizabeth P. Smith Prize.

THE ELIZABETH P. SMITH PRIZE

A prize of \$35 is offered annually to the undergraduate who presents the best essay on international peace. Essays submitted for the Elizabeth P. Smith Prize may also be submitted for the Elliston P. Morris Prize. Essays for this prize should be deposited with the Registrar not later than May 1st. The judges shall be appointed by the President of the College.

PRIZES IN PHILOSOPHY AND BIBLICAL LITERATURE

A prize of \$40 in books will be offered each year to the student who, in the judgment of the professor in charge, does the most satisfactory amount of outside reading in philosophy in connection with the courses in that department. A second prize of \$25 in books will also be offered. The prizes in philosophy are open to all students taking any course in philosophy.

A prize of \$40 in books will be offered each year to the student, who, in the judgment of the professor in charge,

does the most satisfactory amount of reading on the Bible and related subjects. A second prize of \$25 in books will also be offered. The prizes in Biblical Literature may be competed for during any year of the College course.

THE SCHOLARSHIP IMPROVEMENT PRIZES

A first prize of \$50 and a second prize of \$45 will be given at the end of the Senior year to the two students who, in the opinion of the judges appointed by the President of the College, show the most steady and marked improvement in scholarship during their college course.

THE HIBBARD GARRETT MEMORIAL PRIZES FOR VERSE

Two prizes of \$25 and \$15 respectively are awarded for the best verse written by a Haverford undergraduate during the year. Typewritten manuscript, under an assumed name, should be deposited with the Registrar not later than May 1st. The judges shall be appointed by the President of the College.

THE FOUNDERS CLUB PRIZE

A prize of \$25 is offered by the Founders Club to the Freshman who is adjudged to have shown the best attitude toward college activities and scholastic work.

S. P. LIPPINCOTT PRIZE IN HISTORY

A prize of \$100 is offered for competition in the Department of History, open to Seniors and Juniors with the following general provisos:

First.—The prize may be withheld in any year, if the conditions, as provided below, are not met by any of the competitors to the satisfaction of a majority of the judges.

Second.—The prize shall not be awarded twice to the same student.

Third.—Competition is confined to students who have completed at the time of award a minimum of a course and a half, or the equivalent, in the Department of History.
Conditions.

1. In competition for this prize an essay shall be submitted of not less than 5,000 words, offered as evidence of scholarly ability in the collection and presentation of historical material, treating a subject selected from a list announced by the Department of History before the 15th of November.

2. This essay shall be typewritten and deposited under an assumed name with the Registrar on or before May 15th.

3. The judges shall consist of the President of the College and two historians to be selected by him.

For the competition of 1922-23 the following subjects were submitted:

1. The reign of Henry III.

2. The origin and development of the cabinet as an organ of the English Government.

3. The open-door policy in China, 1899-1921.

4. The contest between the large states and the small states in the federal convention of 1787.

GEORGE PEIRCE PRIZE IN CHEMISTRY OR MATHEMATICS

In memory of Dr. George Peirce, 1903, a prize of \$25 is offered annually to a student "who has shown marked proficiency in either or both of these studies and who intends to follow a profession which calls for such preparation. Preference is to be given to a student who has elected

organic chemistry, and failing such a student, to one who has elected mathematics or some branch of chemistry other than organic. Should there be two students of equal promise, the one who is proficient in Greek shall be given preference." The prize is offered, however, exclusively for students who expect to engage in research, and it will not be awarded unless the candidate has this expressed intention.

LECTURESHIPS

HAVERFORD LIBRARY LECTURES

The income of \$10,000, received in 1894 from the estate of Mary Farnum Brown, is available by the terms of the gift "to provide for an annual course or series of lectures before the Senior Class of the College, and other students, on the Bible, its history and literature, and as way may open for it, upon its doctrine and its teaching."

THOMAS SHIPLEY LECTURES ON ENGLISH LITERATURE

The sum of \$5,000, presented in 1904 by Samuel R. Shipley, in memory of his father, Thomas Shipley, constitutes the Thomas Shipley Fund. The income of this fund is ordinarily to be used "for lectures on English literature."

SOCIETIES

A Young Men's Christian Association, organized in 1879, has a membership embracing a large number of the student body. It holds meetings twice a week, the mid-week meetings being addressed by prominent speakers from outside the College and the Sunday meetings being conducted by students. The work of the association includes a variety of outside activities, such as boys' work in Pres-

ton and Ardmore, a number of Bible Classes in the College and vicinity, mission work and social work in Philadelphia, deputation work, etc.

The Social Science Club is an organization for those members of the Faculty and students who are especially interested in the discussion of economic, historical, and sociological questions. Meetings are frequently addressed by prominent speakers, and papers are read by members.

The Scientific Society is an organization with membership drawn from the Faculty and students, having for its object the promotion of interest in general science.

The Radio Club is composed of students interested in wireless telegraphy. It has for its headquarters a fully equipped station in Sharpless Hall for receiving and sending messages.

The Classical Club is composed of members of the Faculty, students, alumni, and others, who are interested in the life and literature of the Greeks and Romans.

The English Club, membership in which is limited to Faculty, Seniors, and Juniors, promotes the informal discussion of literary topics.

A chapter of the Phi Beta Kappa Society, Zeta of Pennsylvania, was established at the College in 1898.

The Founders' Club, established in 1914, is an organization of alumni and undergraduates, to which upper classmen become automatically eligible if they attain a grade of at least B in class-room work and take part in a certain number of extra-curriculum activities.

The Cap and Bells Club, composed of both alumni and students, organizes and arranges the musical and dramatic productions of the College.

The Campus Club is an organization of the Faculty, students, and other friends of the College, for promoting the study and preservation of trees, shrubs, and birds on the College property.

THE HAVERFORD UNION

The Haverford Union is a large and attractive building supplied with reading rooms, recreation rooms, sleeping rooms for visiting alumni, and a large assembly hall.

PERIODICALS

The Haverford College Bulletin is issued by the College four times in each collegiate year. Included under this title are the College Reports, Catalogue, Athletic Annual, Alumni Quarterly, and other matter.

The Haverford News and *The Haverfordian* are student publications, the former appearing weekly, and the latter monthly, during the collegiate year.

THOMAS WISTAR BROWN GRADUATE

SCHOOL—Founded 1917

Founded as the result of a donation of about \$400,000, the Thomas Wistar Brown Graduate School is located in a residence on College Lane.

In accordance with the expressed approval of the donor, graduate courses are here offered in Biblical literature, philosophy, sociology, history, "and kindred subjects." The scope of the instruction is hence limited to a rather definite preparation for certain lines of usefulness.

A pamphlet descriptive of the Graduate School and its facilities will be sent upon application to the President, Haverford College, Haverford, Pa.

DEGREES CONFERRED, JUNE, 1922

ELLA MAY DUNGAN	Muscatine, Iowa
A. B. (Penn College) 1917	
HELEN ESTHER HAWKINS	New Vienna, Ohio
A. B. (Wilmington College) 1919	
CLYDE ALONZO MILNER	Leesburg, Ohio
A. B. (Wilmington College) 1921	
ALGIE INNMAN NEWLIN	Saxopahaw, North Carolina
A. B. (Guilford College) 1921	
MARY E. MENDENHALL WHITE....	Guilford College, North Carolina
A. B. (Guilford College) 1914	

RESIDENT STUDENTS IN THE THOMAS WISTAR BROWN GRADUATE SCHOOL, 1922-1923

CARTLAND, MARIAN PROCTOR	Saco, Maine
B. S. (Simmons College) 1915	
COX, FLORENCE TALITHA	Goldsboro, North Carolina
B. S. (Guilford College) 1922	
CONROW, RUTH HUNT	Riverton, New Jersey
A. B. (Wooster College) 1920	
FRAZER, LESLIE DORSON	Oskaloosa, Iowa
A. B. (Penn College) 1922	
GUTHRIE, BESSIE AVA	Graham, North Carolina
A. B. (Guilford College) 1916	
MICHENER, DWIGHT WILFRED	Truro, Iowa
A. B. (Penn College) 1922	
NEWLIN, JAMES CURTIS	Saxopahaw, North Carolina
A. B. (Guilford College) 1922	

DEGREES, PRIZES AND HONORS GRANTED IN 1921-1922

DEGREES

The following degrees were conferred on Commencement Day, June 16, 1922:

MASTER OF ARTS

EDGAR BALDWIN GRAVES, A.B. (Haverford College, 1919)

Subject: History

HADLEY HART KELSEY, A.B. (Haverford College, 1914)

Subject: Economics

ROBERT LOUIS MOLITOR, S.B. (Haverford College, 1921)

Thesis: Mind, the Necessary Foundation of a Real World

RAYMOND THEODORE OHL, A.B. (Haverford College, 1921)

Subject: Latin

CHARLES BRINKLEY TURNER, A.B. (Haverford College, 1915)

Thesis: A Brief History of the Liberty Loans

BENJAMIN B. WEATHERBY, 2ND, S.B. (Haverford College, 1921)

Thesis: The Radiation and Ionization Potentials of Hydrogen

BACHELOR OF ARTS

CHARLES DAVID ABBOTT, JR.

JOHN BRYANT BARKER

HENRY SALMON FRASER

JOHN FLAGG GUMMERE

JOSEPH HALLOCK

WILLIAM BLAIR HEILMAN

WILLIAM CRAIG HENDRICKS

FREDERICK STAHL MILLER

HARRY WILLIAM PFUND

WILLIAM LESTER RHOADS

RICHARD GRAFFLIN SAGEBEER

JAMES ECKEL SIDEL

CRAIGE McCOMB SNADER

JOHN COLVIN WRIGHT

As of 1920

DONALD ALEXANDER FLANDERS

BACHELOR OF SCIENCE

KENNETH BRADDOCK-ROGERS	ELLISTON PEROT MORRIS
ALLEN KAZLITT BUCKNELL	ALFRED GEORGE MUENCH
CHALMERS PRESTON EMIGH	CHAUNCEY GAUSE PAXSON
THOMAS LAFAYETTE FANSLER	JOHN HARKEY REITER
HAROLD MAURICE GRIGG	WILLIAM ATTICH REITZEL
PERCIVAL HALL, JR.	NATHAN BARNITZ SANGREE
GEORGE ADOLPH HILLEMANN	WILLIAM EASTER SILVER
RICHARD WORTH JANNEY	RICHARD MANLIFFE SUTTON
RALPH ADAM KLEMM	EDWARD ALLINSON TAYLOR
WILLIAM HENRY MACCALLUM, JR.	EDWARD JACKSON THOMPSON
ROBERT RUDOLPH MATZKE	KENNETH BETTS WALTON
THOMAS ROGER MONTGOMERY	MALCOLM ROSE WISE
EDWIN WALTER ZERRER	

As of 1921

WILLIAM DICKEY CODER	MORRISON CUSHMAN MCKINLEY
ROBERT LOUIS MOLITOR	

FELLOWSHIPS AND SCHOLARSHIPS FOR 1922-1923

FELLOWSHIPS

Clementine Cope Fellowship

HENRY SALMON FRASER

Teaching Fellowships

ROBERT ATKINSON, 1921	RICHARD GRAFFLIN SAGEREER, 1922
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CORPORATION SCHOLARSHIPS

Class of 1923

EDWARD KENNETH HAVILAND	DUDLEY McCONNELL PRUITT
NORMAN EBY RUTT	GEORGE RANDLE GRIMES

Class of 1924

GEORGE WASHBOURNE HOWGATE	HOWARD COMFORT
JOHN FRIES BLAIR	PHILIP GARRETT RHOADS

Class of 1925

FREDERIC PROKOSCH
EDWARD LEE GORDY

LEIGH EDWARD CHADWICK
EDWIN PEUCKERT LAUG

Class of 1926

DALZELL FAHNESTOCK HARTMAN
FRANCIS HARVEY ALE

FRED ROEDELHEIM
DANIEL CLARK LEWIS, JR.

PRIZES

The Alumni Oratorical Prizes for Seniors and Juniors

HAL GORDON FARRAR, 1923 NELSON AROLD WHITE, 1923

*The Everett Society Medals for Extemporaneous Speaking by
Sophomores and Freshmen*

DURRELL LEAROCK LORD, 1925 JOHN CLINTON STARBUCK, 1925
HENRY HOOKER STRONG, 1925

The Class of 1896 Prizes in Latin and Mathematics for Sophomores

Latin—GEORGE WASHBOURNE HOWGATE
Mathematics—GAYLORD PROBASCO HARNWELL

The Class of 1898 Prize in Chemistry for Seniors and Juniors

EDWARD KENNETH HAVILAND, 1923

The Class of 1902 Prize in Latin for Freshmen

FREDERIC PROKOSCH

The Mathematical Department Prizes

Junior Mathematics

EDWARD KENNETH HAVILAND AND NORMAN EBY RUTT
Freshman Mathematics—EDWARD LEE GORDY

The Philosophy Reading Prizes for Seniors and Juniors

First PrizeFREDERICK STAHL MILLER, 1922
Second PrizeROBERT LOUIS MOLITOR, 1922

The Scholarship Improvement Prizes for Seniors

First PrizeEDWARD JACKSON THOMPSON
Second PrizeJOHN BRYANT BARKER

The Hibbard Garrett Memorial Prizes for Verse
First PrizeCHARLES DAVID ABBOTT, JR., 1922
"Ballade of Golden Days"
Second PrizeWILLIAM ATTICH REITZEL, 1922
"Sea Hatred"

The Founders Club Prize for Freshmen
HUGH MONTGOMERY

The Elliston P. Morris Prize
HENRY SALMON FRASER, 1922

The Elizabeth P. Smith Prize
HENRY SALMON FRASER, 1922

The Haverfordian Short Story Prize
WILLIAM ATTICH REITZEL, 1922
"The High Road"

The English 13 Prize
CHARLES DAVID ABBOTT, JR.

HONORS

Seniors elected to the Phi Beta Kappa Society
At the end of the Junior Year
HENRY SALMON FRASER HARRY WILLIAM PFUND

At the end of the Senior Year
RICHARD MANLIFFE SUTTON KENNETH BETTS WALTON
CHARLES DAVID ABBOTT, JR. JOHN COLVIN WRIGHT
PERCIVAL HALL, JR.

As of 1921
ROBERT LOUIS MOLITOR

As of 1920
DONALD ALEXANDER FLANDERS

Juniors elected to the Phi Beta Kappa Society
EDWARD KENNETH HAVILAND NORMAN EBY RUTT

Seniors and Juniors elected to the Founders Club

From the class of 1922

At the end of the Junior Year

CHARLES DAVID ABBOTT, JR.	WILLIAM BLAIR HEILMAN
DONALD ALEXANDER FLANDERS	GEORGE ADOLPH HILLEMANN
HENRY SALMON FRASER	HARRY WILLIAM PFUND
KENNETH BETTS WALTON	

At the end of the Senior Year

THOMAS LAFAYETTE FANSLER	NATHAN BARNITZ SANGREE
HAROLD MAURICE GRIGG	CRAIG MCCOMB SNADER
RICHARD WORTH JANNEY	RICHARD MANLIFFE SUTTON
JOHN COLVIN WRIGHT	

From the class of 1923

At the end of the Junior Year

WILMOT RUFUS JONES	DUDLEY MCCONNELL PRUITT
CHARLTON BEVAN STRAYER	

FINAL HONORS

Highest Honors

CHARLES DAVID ABBOTT, JR.	English
DONALD ALEXANDER FLANDERS	Mathematics
HENRY SALMON FRASER	History

High Honors

HARRY WILLIAM PFUND	Latin
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Honors

KENNETH BRADDOCK-ROGERS	Chemistry
JOHN FLAGG GUMMERE	Latin
WILLIAM ATTICH REITZEL	English
JOHN COLVIN WRIGHT	Latin

PRELIMINARY HONORS

JOHN FRIES BLAIR.....	Latin
HOWARD COMFORT	Latin
GEORGE RANDLE GRIMES.....	Latin
GAYLORD PROBASCO HARNWELL.....	Mathematics
EDWARD KENNETH HAVILAND.....	Chemistry
HOWARD JESSUP HOGENAUER.....	Mathematics
GEORGE WASHBOURNE HOWGATE.....	Latin
PHILIP GARRETT RHOADS.....	Mathematics
JAMES THEODORE ROBERTSON.....	Latin
EDWARD JACKSON THOMPSON.....	History

HONORABLE MENTION

CHARLES DAVID ABBOTT, JR.....	French 3
JOHN FRIES BLAIR.....	English 3
HOWARD COMFORT.....	English 3
EDWARD LEE GORDY.....	Freshman Mathematics
GAYLORD PROBASCO HARNWELL.....	Chemistry 4
EDWARD KENNETH HAVILAND.....	Greek 3 and Mathematics 3
IRVIN COLTUN HEYNE	Latin 3
HOWARD JESSUP HOGENAUER.....	German 1
GEORGE WASHBOURNE HOWGATE.....	English 3
CHARLES HARMONY JOHNSON.....	Freshman Mathematics
WALTER AMES JOHNSTON.....	English 1
HARRY WILLIAM PFUND.....	Greek 3
FREDERIC PROKOSCH.....	History 1, Latin 1 and French 2
NORMAN EBY RUTT.....	Mathematics 3
WALTER RICHARD SASSAMAN.....	History 1
JOHN ARCHER SILVER.....	History 1

STUDENTS IN THE COLLEGE

In the last column is given the number of the student's dormitory room; Bn is an abbreviation for Barclay Hall, North; Bc, for Barclay Hall, Centre; Bs, for Barclay Hall, South; F, for Founders Hall; L, for Lloyd Hall; M, for Merion Hall; D, for day-student. An asterisk (*) is placed before the name of a student who has conditions or deficiencies in excess of two half courses, has failed to remove a condition after two opportunities, or is carrying an entrance condition after Freshman year.

GRADUATE STUDENTS

Name	Home Address	College Address
ATKINSON, ROBERT	312 Gowen Ave., Mt. Airy, Pa.	D
HAINES, HARTLEY STOKES	556 Columbia Ave., Millville, N. J.	Fe
SAGEBEER, RICHARD GRAFFLIN	Berwyn, Pa.	18 Bs

SENIOR CLASS

ALLEN, RUSSEL GREENE, JR.	Cornwall-on-Hudson, N. Y.	13 Bs
ARROWSMITH, NOEL STRYKER	430 Highland Ave., Orange, N. J.	16 L
BACON, WILLIAM WARDER, JR.	162 Queen Lane, Gtn., Pa.	13 Bs
BORTON, JOHN CARTER	Moorestown, N. J.	16 Bs
BROWN, HENRY TATNALL, JR.	Moorestown, N. J.	15 Bs
BUCK, ADDISON STEWARD	82 Main St., Hempstead, L. I., N. Y.	44 Bc
CARPENTER, HORACE WALTON	3755 Lindell Boulevard, St. Louis, Mo.	7 F
*DENNETT, CARLETON	350 W. 55th St., New York, N. Y.	28 Bc

Name	Home Address	College Address
FARRAR, HAL GORDON	1434 Tremont Place, Denver, Col.	22 L
FLINT, FRANK PLUMLEY	58 Bradford Ave., Crafton Station, Pittsburgh, Pa.	43 Bc
FRY, GILBERT CRAWFORD	4612 Chester Ave., Philadelphia, Pa.	44 Bc
GRIMES, GEORGE RANDLE	333 Vassar Ave., Swarthmore, Pa.	15 F
HAMILTON, WILLIAM HENRY	4835 California St., Omaha, Neb.	12 Bs
HAVILAND, EDWARD KENNETH	Port Deposit, Md.	4 M
HEYER, CHARLES DIXON	High and Ridgway Sts., Mt. Holly, N. J.	14 Bs
HEYNE, IRVIN COLTUN	5258 Addison St., Philadelphia, Pa.	14 F
HIMES, REES SLAYMAKER	120 E. King St., Shippensburg, Pa.	19 L
HOAG, GARRETT SCATTERGOOD	Haverford, Pa.	16 Bs
HUFFMAN, GEORGE CONRAD	Waynesburg, Pa.	22 L
HUNSICKER, WILLIAM COSGROVE, JR.	1625 Race St., Philadelphia, Pa.	9 Bs
HUNT, GEORGE WOOD	709 Spruce St., Philadelphia, Pa.	D
HUTKIN, MARCUS DIAMONSTONE	5826 Mascher St., Philadelphia, Pa.	39 Bc
JONES, WILMOT RUFUS	Haverford, Pa.	14 Bs
KNOWLTON, STEPHEN BROOKS	Haverford, Pa.	D
LEWIS, ANDREW LINDSAY	Broomall, Pa.	68 Bn
LOGAN, THOMAS MEGOWAN	48 E. Washington Lane, Philadelphia, Pa.	7 F
MORRIS, MARRIOTT CANBY, JR.	131 W. Walnut Lane, Philadelphia, Pa.	44 Bc

Name	Home Address	College Address
MORSS, FRANKLIN	CRAWFORD, JR. 6703 Cresheim Rd., Mt. Airy, Pa.	34 Bc
PARKE, THOMAS	..... Downingtown, Pa.	10 Bs
PRUITT, DUDLEY	McCONNELL Hwanghsien, China	18 F
RUTT, NORMAN	EBY 914 Old Lancaster Rd., Bryn Mawr, Pa.	17 F
SCHULTZ, ROBERT	..... Hawley, Pa.	3 F
*SCOTT, KENNETH	SCHURCH Oakbourne, Pa.	28 Bc
STEVENSON, JOHN	BRYANT 1530 Denniston Ave., Pittsburgh, Pa.	66 Bn
STRAWBRIDGE, GORDON	WELD School Lane, Germantown, Pa.	15 Bs
STRAYER, CHARLTON	BEVAN 101 E. Tremont Ave., New York City	13 F
WAGENSELLER, WAYNE	MACVEIGH 1307 Market St., Harrisburg, Pa.	68 Bn
WARNER, CHARLES, JR.	..... 2311 W. 11th St., Wilmington, Del.	20 L
*WARRINER, FARNHAM	..... 18th and Walnut Sts., Philadelphia, Pa.	20 L
WHITE, NELSON	AROLD Drexel Hill, Pa.	43 Bc
WILBUR, HARRY	LAWRENCE Haverford, Pa.	D
WILLIAMSON, ALEXANDER	JARDINE West Chester, Pa.	1 F

JUNIOR CLASS

BADER, CHARLES	FREDERICK, JR. 163 Main St., Phoenixville, Pa.	58 Bn
BAINBRIDGE, HENRY	CLAY Beesley's Point, N. J.	15 L
BARRY, ROBERT, 2d	..... Narberth, Pa.	113 M

Name	Home Address	College Address
BEIDEMAN, CASPER MELVIN	24 Fithian Ave., Merchantville, N. J.	6 Bs
BLAIR, JOHN FRIES	210 S. Cherry St., Winston-Salem, N. C.	21 Bs
BRINTON, HUGH PENN, JR.	West Chester, Pa.	5 M
CARSON, JOHN STANTON	355 S. Negley Ave., Pittsburgh, Pa.	10 L
CAUFFIEL, MEADE	412 Coleman Ave., Johnstown, Pa.	16 L
COCKS, ROWLAND C.	Cornwall, N. Y.	21 F
COMFORT, HOWARD	Haverford, Pa.	60 Bn
FISHER, JOHN MONROE, JR.	345 S. 19th St., Philadelphia, Pa.	13 L
FITE, GEORGE LIDDLE	138 Fitz Randolph Rd., Princeton, N. J.	64 Bn
FOULKE, EDWARD	Ambler, Pa.	12 M
FRAZIER, CHARLES HARRISON, JR.	200 W. Mermaid Lane, Germantown, Pa.	69 Bn
GREENWELL, HAROLD DOMAN	4517 Spruce St., Philadelphia, Pa.	8 L
HAND, WILLIAM HENRY	122 S. Franklin St., Nyack, N. Y.	60 Bn
HARING, FORREST CHAPMAN	2489 Sedgwick Ave., New York, N. Y.	9 L
HARNWELL, GAYLORD PROBASCO	Prospect Hall, Frederick, Md.	20 Bs
HASTINGS, STANLEY BOND	Prescott, Mass.	17 M
HAVILAND, PAUL ROBBINS	The Knoll, Lansdowne, Pa.	13 M
HEADLY, JOHN FREDERICK	West Grove, Pa.	11 M
HEILMAN, WESLEY MARVIN	876 Wynnewood Rd., Philadelphia, Pa.	12 M

Name	Home Address	College Address
HERRICK, COLIN JAMES	Girard College, Philadelphia, Pa.	21 Bs
HOGENAUER, HOWARD JESSUP	2640 Morris Ave., Bronx, New York, N. Y.	14 M
HOWGATE, GEORGE WASHBOURNE	414 Cartaret St., Camden, N. J.	14 M
LEEDS, ROBERT WEST	162 S. Penn Ave., Atlantic City, N. J.	11 Bs
MARGOLIS, ABRAM	129 Main St., Coatesville, Pa.	39 Bc
MEAD, MORRIS WILLIAM, JR.	354 Lehigh Ave., Pittsburgh, Pa.	4 F
MULLIN, ARTHUR	Pinecrest, West Chester, Pa.	62 Bn
NASH, CHARLES EDGAR	Wyncote, Pa.	6 M
PATTERSON, EDWARD BELL	42 W. Walnut Ave., Merchantville, N. J.	6 Bs
REICH, JOHN FREDERICK	Morris Heights, Morrisville, Pa.	5 F
RHOADS, PHILIP GARRETT	Moorestown, N. J.	23 Bs
ROBERTSON, JAMES THEODORE	1450 Columbus Ave., N. S., Pittsburgh, Pa.	19 Bs
ROEDEL, GEORGE JOYCE	1514 Church St., Frankford, Philadelphia, Pa.	15 M
SADTLER, GEORGE LEWIS	1026 Cathedral St., Baltimore, Md.	1 L
SADTLER, LEANDER RIDDLE	1026 Cathedral St., Baltimore, Md.	1 L
SMITH, JAMES BENNETT, JR.	Eureka, N. Y.	21 F
TAI, EN SHUI	643 S. Chengtu Rd., Shanghai, China	2 M
TAYLOR, LAWRENCE NEWBOLD	Haverford, Pa.	50 Bs
TURNER, GORDON MACKENZIE	351 W. 114th St., New York, N. Y.	66 Bn

Name	Home Address	College Address
VANTINE, EDWARD	POSTLETHWAITE	13 L
	1706 Girard Ave., Philadelphia, Pa.	
*WALKER, ELWOOD	THOMAS	71 Bn
	1202 DeKalb St., Norristown, Pa.	
WEST, WILLIAM	NELSON, 3D	6 M
	Wynnewood, Pa.	
WILBUR, DONALD	ELLIOTT	23 Bs
	Haverford, Pa.	
*WOOD, HORATIO C., 3D		8 L
	319 S. 41st St., Philadelphia, Pa.	

SOPHOMORE CLASS

ACTON, CONRAD	BERENS	101 M
	Salem, N. J.	
ARNOLD, JERROLD	CLEMENT	12 L
	Whittier, Calif.	
BALL, ERIC	GLEDENNING	35 Bc
	4005 Groveland Ave., Baltimore, Md.	
BARTON, FRANCIS	CARROLL, JR.	32 Bc
	114 Park Rd., Llanerch, Pa.	
*BATES, ROBERT	CHARLES, JR.	31 Bc
	Port Deposit, Md.	
BENTLEY, WRAY	DAVISON	50 Bn
	12 High St., Glen Ridge, N. J.	
BILLO, GEOFFROY		5 Bs
	2422 University Ave., New York, N. Y.	
CHADWICK, LEIGH	EDWARD	37 Bc
	16th and R Sts., N. W., Washington, D. C.	
CHANG, SAMUEL	HIOK	11 F
	Swatow, China	
DOUGLAS, LYMAN	CALKINS	50 Bn
	404 Lawrence Ave., Westfield, N. J.	
EISEMAN, DOUGLASS	WALTER	109 M
	513 W. Clapier St., Germantown, Pa.	
ESHLEMAN, MARTIN		6 F
	Denver, Pa.	
GARRETT, THOMAS	CRESSON	1 Bs
	5301 York Rd., Logan, Pa.	

Name	Home Address	College Address
GORDY, EDWARD LEE	Chambersburg, Pa.	19 F
GROSS, GERALD CONNOP	85 W. Post Rd., White Plains, N. Y.	22 F
*HAINES, CHARLES WILLIAM	Masonville, N. J.	24 Bs
HARVEY, JOHN SYKES CURTIS, JR.	Radnor, Pa.	22 Bs
HEILMAN, HORACE RICHARD	876 Wynnewood Rd., Philadelphia, Pa.	42 Bc
HINRICHS, WILLIAM ERNEST	76 Lincoln St., Glen Ridge, N. J.	72 Bn
HOLLINGSHEAD, IRVING	Moorestown, N. J.	8 F
HOUSE, HENRY FLEMING	1623 Melrose Place, Knoxville, Tenn.	6 L
JOHNSON, CHARLES HARMONY	221 Woody Ave., New Castle, Pa.	3 L
JOHNSON, PHILLIPS	221 Woody Ave., New Castle, Pa.	3 L
JOHNSTON, WALTER AMES	5905 Thompson St., Philadelphia, Pa.	37 Bc
KUMM, KARL H. GRATTAN G.	25 Pine Grove Ave., Summit, N. J.	10 F
LAUG, EDWIN PEUCKERT	701 Beechwood Ave., Collingdale, Pa.	32 Bc
LONGSTRETH, RICHARD	Haverford, Pa.	69 Bn
LORD, DURRELL LEAROCK	Valhalla, N. Y.	22 F
MONTGOMERY, HUGH	2139 Cypress St., Philadelphia, Pa.	41 Bc
NEWMAN, WARREN WILSON	5043 Locust St., Philadelphia, Pa.	10 L
NICHOLSON, JESSE THOMPSON	400 Penn St., Camden, N. J.	23 F
PITTMAN, CHALMERS VANANGLEN	5214 Greene St., Germantown, Pa.	9 F

Name	Home Address	College Address
PROKOSCH, FREDERIC	Bryn Mawr, Pa.	110 M
*REINHARDT, DAVID JONES, JR.	1107 Franklin St., Wilmington, Del.	6 L
RHOADS, OWEN BROOKE	11 E. Baltimore Ave., Lansdowne, Pa.	5 Bs
RICE, WILLARD MARTIN, IV	647 W. Phil-Ellena St., Germantown, Pa.	63 Bn
ROGERS, WILLIAM DAVIS	Medford, N. J.	8 F
SANDERS, JAMES MONTGOMERY	706 Reservoir St., Baltimore, Md.	35 Bc
SASSAMAN, WALTER RICHARD	301 E. Oakdale Ave., Glenside, Pa.	107 M
SCHULZE, JOHN LEWIS, JR.	104 Benedict Ave., South Ardmore, Pa.	40 Bc
SELLERS, CHARLES COLEMAN	Glenn Rd., Ardmore, Pa.	2 Bs
SILVER, JOHN ARCHER	Aberdeen, Md.	7 Bs
SMITH, RUTLEDGE FELL	319 N. 16th St., Philadelphia, Pa.	38 Bc
STARBUCK, JOHN CLINTON	Media, Pa.	51 Bn
STIFLER, FRANCIS McILHENNY	Evanston, Ill.	31 Bc
STOKES, WALTER PERCIVAL, JR.	Moorestown, N. J.	3 Bs
STONE, WARREN MOORHEAD	Warren, Pa.	19 L
STRONG, HENRY HOOKER	31 Pennsylvania Ave., Coatesville, Pa.	22 Bs
TANEY, ROBERT BROOKE	Media, Pa.	12 L
TAUBEL, LOUIS EDWARD	Wildwood Crest, N. J.	D
THOMAS, RAYMOND MOORE	Wayne, Pa.	33 Bc

Name	Home Address	College Address
TINGLEY, CHARLES LOVE SCOTT, JR.	St. Davids Rd., Wayne, Pa.	9 M
WARFIELD, BENJAMIN BRECKINRIDGE	Chambersburg, Pa.	7 Bs
WATSON, JAMES ROSE	3270 Orleans St., Pittsburgh, Pa.	38 Bc
WILLEY, STANLEY EDWARD	5335 Locust St., Philadelphia, Pa.	42 Bc
WILLSON, HUGH LATIMER	243 Mountwell Ave., Haddonfield, N. J.	20 F
WRIGHT, AUSTIN, JR.	116 E. Penn St., Bedford, Pa.	115 M
YERKES, HARMAN ALFRED	1540 S. 57th St., Philadelphia, Pa.	33 Bc

FRESHMAN CLASS

ALE, FRANCIS HARVEY	1162 Murray Hill Ave., Pittsburgh, Pa.	56 Bn
ARMSTRONG, SAMUEL ASHBIDGE	8th St. and 64th Ave., Oak Lane, Philadelphia, Pa.	59 Bn
BAKER, DONALD GAY	Haverford, Pa.	D
BALDWIN, SCHUYLER FORBES	4510 Osage Ave., Philadelphia, Pa.	25 Bc
BORTON, HUGH	19 Prospect Ave., Moorestown, N. J.	52 Bn
BROWN, TRUESDELL SPARHAWK	227 Roberts Rd., Bryn Mawr, Pa.	54 Bn
BUSSELLE, ALFRED, JR.	Chappaqua, N. Y.	30 Bc
CALKIN, JOHN BURGESS	Spring Grove, Pa.	102 M
CAMPBELL, FRANCIS FAULKNER	1363 E. Jefferson Ave., Detroit, Mich.	114 M
CARMAN, ALEXANDER RAYMOND	1724 Wesley Ave., Evanston, Ill.	14 L
EVANS, HENRY CARTER	Riverton, N. J.	51 Bn

Name	Home Address	College Address
EVES, SAMUEL RUSSELL	Millville, Pa.	25 Bc
GILMOUR, ALLAN	1404 Pacific St., Brooklyn, N. Y.	12 F
GREENE, CHARLES HERBERT	Troy, Pa.	17 Bs
GREER, CHARLES ASBURY	Johnstown, Pa.	24 Bs
HAINES, MURRAY CHESTON	Cheltenham, Pa.	14 L
HAINES, ROBERT LEE	Moorestown, N. J.	26 Bc
HALSTEAD, WILLIAM STORM	White Plains, N. Y.	25 Bc
HANNUM, EDMUND PENNELL	5239 Spruce St., Philadelphia, Pa.	D
HARPER, SIDDONS, JR.	123 Thompson Ave., Ardmore, Pa.	D
HARTMAN, DALZELL FAHNESTOCK	442 N. Duke St., Lancaster, Pa.	7 L
HATCHER, ROBERT LEE	115 14th St., Flushing, N. Y.	106 M
HAVILAND, HARRIS GODDARD	The Knoll, Lansdowne, Pa.	116 M
HIBBERD, ISAAC LLOYD	122 Harrison Apts., Oakland, Calif.	41 Bc
HUBER, WILLIAM MCPHERSON	3007 Midvale Ave., Philadelphia, Pa.	55 Bn
HUNSICKER, HORACE HIGBEE	1625 Race St., Philadelphia, Pa.	53 Bn
JACKSON, WAYNE GRIDLEY	1142 Madison Ave., New York, N. Y.	18 L
JOHNSTON, JOHN ANDERSON	131 Coulter Ave., Ardmore, Pa.	D
JOLY, JOHN DEAN	5 Newfield Way, Cynwyd, Pa.	59 Bn
KINGSBURY, EDWARD HENRY	647 Bergen Ave., New York, N. Y.	29 Bc

Name	Home Address	College Address
LAMBERTI, VICTOR ANTHONY	2376 Ryer Ave., New York, N. Y.	7 L
LEARY, WILSON MACDONALD	4420 Sansom St., Philadelphia, Pa.	D
LEEDS, WINTHROP MOORHEAD	304 W. School Lane, Germantown, Pa.	16 F
LEWIS, DANIEL CLARK, JR.	825 Columbia Ave., Millville, N. J.	61 Bn
LOWRY, BENJAMIN HOWARD	407 Chester Ave., Moorestown, N. J.	18 L
MACGOWAN, HOWARD TREGO	Fisher's Rd., Bryn Mawr, Pa.	2 F
MAGUIRE, WILLIAM THOMAS	Louella Apts., Wayne, Pa.	30 Bc
MARSHALL, J. HOWARD	Park and Hill Aves., Langhorne, Pa.	8 Bs
MEAD, WILLARD ECKER	354 Lehigh Ave., Pittsburgh, Pa.	29 Bc
MEEKS, HAROLD EDWIN	89 E. Main St., Meriden, Conn.	15 L
MELCHIOR, MONTFORT VERTIGANS	108 E. Greenwood Ave., Lansdowne, Pa.	1 M
MILLER, JAMES ROCKWITH	Chincapin Lodge, Montreat, N. C.	30 F
MILLER, MERLE MIDDOUR	35 N. Grant St., Waynesboro, Pa.	53 Bn
MILLER, RALPH C.	2116 Morris Ave., New York, N. Y.	11 L
MONROE, HAROLD CLAYTON	239 W. 103rd St., New York, N. Y.	108 M
NOCK, FRANCIS JAY	334 E. Walnut St., Titusville, Pa.	105 M
OLIVER, ROBERT HUGH HENDERSON	534 N. Orianna St., Philadelphia, Pa.	36 Bc
PERRING, HENRY BROOKS	3206 Carlisle Ave., Baltimore, Md.	11 L
PITTER, OSMOND CHESTER	Happy Grove, Hector's River P. O., B. W. I.	4 Bs

Name	Home Address	College	Address
REX, ALEXANDER BUCHANAN	1717 DeKalb St., Norristown, Pa.	17	L
RICHIE, ROBERT HOOTON	Moorestown, N. J.	26	Bc
ROEDELHEIM, FRED	"Oakshade," Elkins Park, Pa.	17	L
SASSAMAN, PAUL LEWIS	301 E. Oakdale Ave., Glenside, Pa.	111	M
SHANK, CHRISTIAN ERNEST, JR.	Rosemont, Pa.		D
SUMWALT, CHARLES EDWARDS	2901 Chelsea Terrace, Baltimore, Md.	104	M
TATNALL, CHARLES RHOADS	805 Franklin St., Wilmington, Del.	8	Bs
THEOBALD, BENJAMIN FRANKLIN, JR.	3529 N. 21st St., Philadelphia, Pa.		D
THUDIUM, THOMAS WILLIAM	361 W. Duval St., Germantown, Pa.		D
VANSANT, JOSEPH ADDISON ROBINSON	2348 E. Hagert St., Philadelphia, Pa.	3	M
WAGNER, ALEXANDER ROBEY SHEPHERD	1218 S. Main St., Tulsa, Okla.	67	Bn
WOOD, EDWARD SHARPLESS, JR.	Riverton, N. J.	52	Bn
ZIMMERMAN, CHARLES HINCKLEY	325 Chestnut St., Lebanon, Pa.	70	Bn

SUMMARY

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Seniors	42
Juniors	46
Sophomores	58
Freshmen	62
<hr/>	
Total	211

GEOGRAPHICAL DISTRIBUTION

California	2
Colorado	1
Connecticut	1
Delaware	3
District of Columbia	1
Illinois	2
Maryland	11
Massachusetts	2
Missouri	1
Nebraska	1
New Jersey	32
New York	22
North Carolina	2
Oklahoma	1
Pennsylvania	124
Tennessee	1
Foreign Countries	4
<hr/>	
Total	211

FACULTY AND OFFICERS

Name	Address (Haverford unless otherwise noted)	Telephone (Ardmore Exchange) unless otherwise noted
Atkinson, Robert	Founders Hall	564 J
Babbitt, Dr. James A....	3 College Ave.	50
Barrett, Don C.	Walnut Lane	934 W
Carpenter, Jas. McF., Jr.	Woodside Cottage	522 W
Chase, Oscar M.	Founders' Hall	564 J
Comfort, William W. ..	Walton Field	455
Evans, Arlington	5031 Osage Ave., Phila..	Woodland 5335 J
Grant, Elihu	8 College Lane	258 W
Gray, Austen K.	21 Lloyd Hall	1427
Johnston, Robert J.	{ Office, Founders' Hall.....	564 J
	{ Home, Narberth, Pa. ...	Nar. 315 M
Jones, Rufus M.	2 College Circle	97 J
Kelly, John A.	Founders' Hall	564 J
Kelsey, Rayner W.	11 College Ave.	563 W
Lockwood, Dean P.	6 College Circle	522 J
Lunt, William E.	5 College Lane	1507 W
Meldrum, W. Buell	13 College Ave.	776 J
Palmer, Frederic, Jr. ...	7 College Lane	97 R
Post, L. Arnold	9 College Lane	258 M
Pratt, Henry S.	4 College Circle	942 J
Rantz, J. Otto	Highland Park, Pa.	
Reid, Legh W.	Merion Cottage	986 W
Rittenhouse, Leon H. ..	6 College Lane	285 J
Sanger, George T.	Founders' Hall	564 J
Sharpless, Miss Helen ..	1 College Ave.	203 J
Snyder, Edward D.	15 College Ave.	1509 W
Taylor, Dr. Herbert W.	Lancaster Ave.	1185 J
Toogood, Granville E...	4 Lloyd Hall	564 W
Watson, Frank D.	5 College Ave.	203 W
Wilson, Albert H.	7 College Ave.	216

COLLEGE OFFICE AND BUILDING TELEPHONES

Alumni Secretary	1441
Barclay Hall, North	439 W
Barclay Hall, South	439 J
Barclay Hall, Centre	68
Chemical Building	988 J
Dean	1441
Founders Hall, East	564 J
Founders Hall, Dormitory	1939 W
Graduate School	258 W
Gymnasium	754 W
Infirmary	763
Lloyd Hall, Rooms 1-4	564 W
Lloyd Hall, Rooms 5-12	1444
Lloyd Hall, Rooms 13-22	1427
Merion Hall	267 J
President	221
Power House	988 W
Registrar	221

GENERAL ALUMNI ASSOCIATION OF HAVERFORD COLLEGE

President

ALFRED M. COLLINS, '97
226 W. Columbia Ave., Philadelphia, Pa.

Secretary

GRANVILLE E. TOOGOOD, '20
Haverford College, Haverford, Pa.

Treasurer

WILLIAM H. HAINES, JR., '06
500 W. Cheltenham Ave., Germantown, Pa.

OFFICERS OF LOCAL ALUMNI ASSOCIATIONS

New England Haverford Alumni Association

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157 Newbury St., Boston, Mass.

Secretary CHARLES F. BROWN, '17
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1012 Park Building, Pittsburgh, Pa.

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548 Aldine Ave., Chicago, Ill.
SecretaryWILLIAM L. BAILY, JR., '17
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- PresidentJOHN F. WILSON, ex-'10,
Guardian Building, East Cleveland, Ohio.
SecretaryELLIOT FIELD, '97
8919 Carnegie Ave., Cleveland, Ohio.

Haverford Alumni Association of Kansas City, Mo.

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c/o Kansas City Provident Association, 1115 Charlotte St.,
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SecretaryC. MITCHELL FROELICHER, '10
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Parkway, Kansas City, Mo.

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Atchison, Kan.
SecretaryCYRUS W. FALCONER, '15
1526 North Holyoke St., Wichita, Kan.

Golden Gate Haverford Alumni Association

- PresidentWALTER MORRIS HART, '92
2255 Piedmont Ave., Berkeley, Calif.
SecretaryALFRED W. ELKINTON, '14
Sixth and Grayson Sts., Berkeley, Calif.

Southern California Haverford Alumni Association

- PresidentRALPH W. TRUEBLOOD, '05
5142 West Boulevard, Los Angeles, Calif.
SecretaryJOSHUA L. BAILY, '12
4435 Ampudia St., San Diego, Calif.

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ELLIOTT, PHILA., PA.

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1922-1923



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Haverford, Pa.

Entered December 10th, 1902, at Haverford, Pa.
Second-Class Matter under Act of Congress of July 16th, 1894.

Haverford College Athletics

1922 - 1923



Edited in the Interest of Haverford

FOREWORD

Haverfordians may be justly proud of the improved athletic situation at Haverford—this is not a superficial enthusiasm but a deep-seated loyalty to the College interests, a renewed spirit of co-operation between the different sports, a greater willingness for self-sacrifice in adequate training.

In the Fall season, under the leadership of Coach Harman and the sympathetic co-operation of the faculty, students and alumni, a really worthy Haverford team was developed, which made a remarkable stand against the heavy and experienced Swarthmore team. We cannot refrain from a special word of appreciation for the devoted service of Mr. Scull and his regal entertainment of the team at the close of the season.

The cricket team under the guidance of President Comfort and the undefeated athletic team under Coach Haddleton have materially added to Haverford fame. The Intercollegiate cricket cup has returned to Haverford, we hope to stay, and the victory over Swarthmore in track was a thrilling one. Thomas and H. Willbur both broke college records—in Discus and Javelin respectively. It has been our pleasure again to stage the Inter-academic Athletic Championships on Walton Field, and many school teams have competed with Freshmen and second teams in various sports.

Soccer, basketball, baseball and tennis have strong foundations for next year. The Soccer Team placed midway in the intercollegiate series and the base ball team closed its season by winning the Delaware game. While it has seemed best not to record the work of the gymnastic team as a separate department, its organization under Captain Nash sent members to the Amateur Championships at the Philadelphia Turngemeinde and contributed to the entertainment of the Haverford Parliament.

The Executive Athletic Committee has become an effective working organization, as attested by its report, and the editor would express his appreciation for the assistance of the various managers in the collaboration of this report.

Haverford is going forward in athletics.

JAMES A. BABBITT.

June 15, 1923.

Haverford College

Department of Physical Education

WILLIAM WISTAR COMFORT, PH.D., LITT.D., LL.D.
President.

JAMES A. BABBITT, A.M., M.D.
Professor of Hygiene and Physical Training.

ARLINGTON EVANS
Instructor in Physical Training.

HARVEY J. HARMAN
Coach of Football.

A. W. HADDLETON
Coach of Track Team.

JAMES McPEET
Coach of Soccer.

WALTER HUNTZINGER
Coach of Basketball.

THOMAS McNAMARA
Coach of Baseball.

A. MACINTOSH
Assistant in Football.

H. NORMAN THORN
Chairman, Alumni Athletic Committee.

GRANVILLE E. TOOGOOD
Graduate Manager and Treasurer of the Athletic Association.

Executive Athletic Committee, 1922-1923

PRESIDENT W. W. COMFORT, '94	P. H. SANGREE, '14
DR. J. A. BABBITT	G. E. TOOGOOD, '20
DR. F. PALMER, JR.	R. G. ALLEN, JR., '23
H. N. THORN, '04	H. G. FARRAR, '23
W. C. HUNSICKER, JR., '23	



Haverford College Captains, 1922-23

Athletic Cabinet

H. TATNALL BROWN, JR., '23, *President*

W. R. JONES, '23, *Secretary*

W. C. HUNSICKER, JR., '23

R. G. ALLEN, '23

T. M. LOGAN, '23

J. C. ARNOLD, '24

R. FOULKE, '24

W. M. HEILMAN, '24

D. E. WILBUR, '24

J. L. SCULL, '05

G. E. TOOGOOD, '20, *Ex-officio*

DR. JAMES A. BABBITT, *Chairman Ex-officio*

The Work of the Athletic Cabinet

The future of student-extension, universal participation in athletics, winter training for football men, and special matters connected with schedules and plans in the various athletic departments were among the subjects taken up at the six meetings of the Cabinet during the college year 1922-23.

In accordance with the established tradition of the organization, it is the practice of the members at these informal meetings to indulge with the greatest freedom in general discussion on college athletic problems. The Cabinet seeks at all times to make its influence felt in a quiet way by directing and at the same time expressing undergraduate opinion on subjects connected with the athletic activities of Haverford.

The proper co-ordination of the various sports in order to secure the best possible results for the college is one of the primary functions of the Cabinet. During the past year, it has been particularly interested in the work of securing additional athletic facilities, in the shape of an Athletic Building. The attainment of this long-cherished ideal of the Cabinet is something which is hoped for in the very near future.

W. R. J.

Summary of Executive Athletic Committee Work

At the first meeting of the Committee, held in the Union October 11, 1922, the following business was transacted: The resignation of A. E. Rogers as Alumni Secretary and Graduate Manager was accepted, and Mr. G. E. Toogood was appointed to the position; the Basketball schedule was ratified after being referred to a sub-committee; steps were taken to secure an undergraduate manager of football; a change in the A. A. Constitution was proposed which provided that ultimate authority in all athletics matters rest in the Faculty; provision was made for the purchase of additional football equipment; provision was made for the scouting of a number of important football games; a sub-committee was appointed to provide extra seats for the Swarthmore Football Game; and provision was made for Haverford to be represented at the dedication of the new Football Stadium at Ohio University.

The next meeting of the Committee was held on November 2nd, when the following business was taken up: The appointment of Mr. C. F. Bader, Jr., as Acting Football Manager was approved; the sub-committee on arrangements for the Swarthmore Game reported that the customary arrangements had been satisfactorily made; a sub-committee was appointed to secure a Basketball Coach; the election of M. C. Morris, Jr., as Cricket Manager was ratified; provision was made for securing a Cricket Coach; a sub-committee was appointed to prepare an athletic budget for the year; and a motion was passed prohibiting the displacement of College equipment without the permission of the Athletic Director.

The next meeting was at a luncheon held in the University Club on November 29th, when the following business was transacted: Coach Harmon discussed the football season, past and future, and made recommendations for the coming season; the policy of regular schedule games for the second and third basketball teams was approved; a change in the A. A. Constitution was recommended which provided for a larger number of awards

in sports; the tennis schedule was approved; and provision was made for the College to be represented at the annual meeting of the National Collegiate Athletic Association in New York, December 28th.

The next meeting was held in the Union on December 14th. The football awards were discussed and approved; provision was made for securing a baseball coach; the baseball schedule was discussed and approved; provision was made for the re-wording of Article XVI of the Constitution; the Soccer awards and elections were approved; the tentative football schedule was approved; the financial situation of the Athletic Association was discussed and an assessment on the Students' Association was approved; provision was made for a representation at the Middle Atlantic States Conference of the Intercollegiate Athletic Association; provision was made to secure a cup for competition in the Private School League.

The next meeting was on February 27th. An athletic budget for the rest of the year was presented and discussed; a request was addressed to the Finance Committee of the Alumni Association for additional funds to meet athletic expenses; and the appointment of a baseball coach was ratified.

The next meeting was held on March 21, in the Union. The final tennis schedule was approved; provision was made for a Gymnasium competition with the Alumni; provision was made for broadening the straight-away on the track; the gift of a soccer board was announced and provision made for its erection; the report of the last basketball season was read and approved; a number of suggestions regarding managers and their assistants from the Athletic Cabinet were taken up and referred to a sub-committee for consideration and drafting; a tentative Canadian trip for the Cricket Team, to take place after Commencement, was approved; and the tentative soccer schedule was discussed.

The next meeting was held on April 4, in the Union. A suggestion from the Promotions Committee regarding changes in the system of team cuts was discussed and approved; the basketball awards and elections were approved; a sub-committee was appointed to consider a football training camp for next fall; and

provision was made for securing a basketball coach for next year.

The next meeting was held in the Union on May 22. The football camp was discussed; financial sport sheets for the year were read and discussed; the basketball schedule for next season was discussed and approved; a sub-committee was appointed to consider the soccer schedule for next season; and provisions for awarding cups to students who break college track records were discussed. The meeting on June 11 occurs too late for report.

Respectfully submitted,

H. G. FARRAR,
Secretary.

HAVERFORD COLLEGE ATHLETIC ASSOCIATION COMBINED SPORTS SHEET, 1922-23

INCOME (As of June 9, 1923)

Items	Football	Soccer	Track	Base-ball	Cricket	Tennis	Basket Ball	General	Totals
Dues								\$3,127.50	\$3,127.50
Gate	\$2,624.10	\$102.00	\$103.50	\$44.75			\$70.05	425.00	3,369.40
Guarantees	725.00	157.42	160.00	390.00		\$15.00	430.96		1,878.38
Assessments								1,332.50	1,332.50
Miscellaneous	†866.96				\$50.00	30.00	44.10	*850.00	1,841.06
Totals	\$4,216.06	\$259.42	\$263.50	\$434.75	\$50.00	\$45.00	\$545.11	\$5,735.00	\$11,548.84

* Given by Alumni Association.

† Includes \$500 from Alumni Association for Training Camp, 1922.

EXPENDITURE.

Items	Football	Soccer	Track	Base-ball	Cricket	Tennis	Basket Ball	General	Totals
Equipment	\$1,584.42	\$114.67	\$ 55.76	\$259.09	\$129.57	\$31.50	95.10		\$2,270.11
Guarantees	1,700.00	2.50	220.00	127.00	18.50	47.00	135.25		2,250.25
Traveling	725.00	822.44	372.64	479.39	1.75	31.10	314.77		2,747.06
Officials	440.00	45.00	19.94	53.00	36.00		44.75		638.69
Medical	25.00							\$240.00	265.00
Insurance	200.00								200.00
Coaching								1,000.00	1,000.00
Miscellaneous	†1,221.57	57.00	80.96	21.29	15.00	12.76	4.90	*742.21	2,155.69
Totals	\$5,895.99	\$1,041.58	\$749.30	\$939.77	\$200.82	\$122.36	\$594.77	\$1,982.21	\$11,526.80

* Includes \$340.20 bills held over from 1921-22.

† Includes \$453 expenses of Training Camp.

Profit									\$22.04
Loss	\$1,679.93	\$782.16	\$485.80	\$505.02	\$150.82	\$77.36	\$49.66		

G. E. TOOGOOD,
Graduate Manager.

Constitution of the Haverford College Athletic Association

NOTE: The terms Senior, Junior, and Sophomore are used in this Constitution with reference to the year in which the student elected shall be at the time of his service.

ARTICLE I.

Name.

This Association shall be known as the Haverford College Athletic Association.

ARTICLE II.

Object.

The object of this Association shall be to control and further the athletic interests of Haverford College.

ARTICLE III.

Membership.

SECTION 1. There shall be two classes of membership in this Association, Active Membership and Associate Membership.

All members of the Students Association of Haverford College are Active Members of this Association. All members of the Faculty of Haverford College and all members of the Alumni Association of Haverford College are eligible as Associate Members of this Association.

SECTION 2. All Active Members of this Association shall be assessed fifteen dollars (\$15) per annum as dues. If an Active Member is in attendance as a member of the Students Association for only one-half year or less but for more than one month, he shall be assessed seven and one-half dollars (\$7.50) as dues. All Active Members shall be entitled to admission to all home athletic contests and to the Haverford-Swarthmore football game.

All members of the Faculty and all members of the Alumni Association shall become Associate Members of this Association on payment of five dollars (\$5) per annum as dues. An Associate Member shall receive a card admitting him to all home athletic contests, except to the Haverford-Swarthmore football game.

ARTICLE IV.

Executive Athletic Committee.

SECTION 1. The executive power of this Association shall be vested in an Executive Athletic Committee.

The Executive Athletic Committee shall consist of three members of the Students Association, three members of the Faculty, including the President of the College and the Athletic Director of the College, and three members of the Alumni Association, including the Graduate Manager of Athletics.

SECTION 2. The three members of the Students Association shall be elected by the Students Council serving the past year. The election shall take place after the election of the Students Council to serve the following year, but prior to the new Students Council entering upon office. The three members of the Students Association shall preferably though not necessarily not be members of the newly elected Students Council. They shall enter upon office in their Senior year and serve for one scholastic year. The remaining member of the Faculty shall be appointed annually by the President of the College. The Graduate Manager shall receive office as specified in Article VI, Section 1. The two remaining members of the Alumni Association shall be elected by the Alumni Executive Committee and shall hold office for one scholastic year.

Any member of the Committee shall be eligible for re-election or re-appointment.

SECTION 3. In event any member of the Executive Athletic Committee shall fail to fulfill his term of office, a new member shall be elected to office in the same manner as his predecessor.

SECTION 4. The officers of the Executive Athletic Committee shall be a Chairman and a Secretary. These shall be a member of the Faculty and a member of the Students Association re-

spectively. The officers shall be elected annually by the Executive Athletic Committee at its first meeting in the scholastic year. The officers shall assume such duties as are specified in Article V.

The first meeting in the scholastic year shall be called by the Chairman of the previous year. If he has not succeeded himself in office as a member of the Executive Athletic Committee, the President of the College shall call the first meeting of the Executive Athletic Committee in the scholastic year for the election of officers.

SECTION 5. The Executive Athletic Committee shall meet at

(a) The call of the Chairman; or

(b) The written request of any two (2) members of the Committee.

A quorum of the Executive Athletic Committee shall consist of not less than one member of the Students Association, one member of the Faculty, and one member of the Alumni Association, in addition to the acting officers.

SECTION 6. The Executive Athletic Committee shall have ultimate authority in all matters which may arise in connection with Haverford College athletics.

It shall be the duty of the Executive Athletic Committee to elect the Graduate Manager of Athletics and make all regulations in his regard, as may seem necessary. The Executive Athletic Committee shall elect its Secretary as specified in Article V, Section 2. The schedules of all the recognized departments for all meets and contests as drawn up by the Graduate Manager shall be subject to its approval. All awards as passed by the Committee on Awards in each department shall be subject to its approval. It shall designate an expert to audit at least once every year the accounts of the Treasurer, who shall be the Graduate Manager. The election of Captain, Manager, and Assistant Manager of each department shall be subject to its approval, and, if at any time a change in any or all of these three offices shall appear desirable to the Executive Athletic Committee, it shall have the power to displace any or all of the officers previously elected and appoint new officers to serve until a new Captain, Manager, or Assistant Manager shall be elected

in the customary manner. The Executive Athletic Committee shall have power to regulate the coaching systems of the departments and make changes and innovations as it may deem necessary.

ARTICLE V.

Officers of the Executive Athletic Committee.

SECTION 1. The Chairman of the Executive Athletic Committee shall be elected from the three Faculty members of the Executive Athletic Committee by the Executive Athletic Committee at its first meeting in the scholastic year.

As Chairman of the Executive Athletic Committee he shall call all meetings of the Executive Athletic Committee and preside over them. He shall be an *ex-officio* member of all committees appointed or created by this body, and he shall appoint all committees not otherwise provided for. He shall receive all communications for the Executive Athletic Committee.

SECTION 2. The Secretary of the Executive Athletic Committee shall be elected from the three representatives from the Students Association to the Executive Athletic Committee by the Executive Athletic Committee at its first meeting in the scholastic year.

The Secretary of the Executive Athletic Committee shall be directly responsible to the Executive Athletic Committee.

As Secretary of the Executive Athletic Committee he shall keep an accurate record of all meetings and send a copy of all minutes to each member of the Executive Athletic Committee. In the absence of the Chairman he shall preside over meetings of the Executive Athletic Committee.

He shall act as Secretary of the Nominating Committee. As such he shall keep an accurate record of all meetings of the Nominating Committee. In the absence of the Chairman he shall preside over meetings of the Nominating Committee.

He shall become an *ex-officio* member of the Students Council of the Students Association subsequent to his election as Secretary of the Executive Athletic Committee. As such he shall represent the athletic interests of the College on the Students Council.

ARTICLE VI.

Graduate Manager of Athletics.

SECTION 1. The Graduate Manager of Athletics shall be elected by the Executive Athletic Committee.

SECTION 2. The Graduate Manager shall be responsible for all actions in his official capacity to the Executive Athletic Committee. He shall act in an executive capacity. He shall execute the policies of the Executive Athletic Committee and shall dispense with all matters which are not sufficiently important to come before the Executive Athletic Committee.

SECTION 3. He shall act as Treasurer of the Athletic Association. As such he shall receive and be custodian of all funds belonging to the Association as specified in Article XIV and shall disburse them according to his best judgment. He shall not disburse sums greater than fifty dollars (\$50) unless such expenditure shall have been approved by the Executive Athletic Committee. He shall publish an annual report in some undergraduate publication, and in the Athletic Annual, fully itemized, and showing the exact expenses of each department. He shall present his accounts to be audited by an expert designated by the Executive Athletic Committee as often as the Executive Athletic Committee shall desire. He shall see that funds for special uses are so expended. He shall see that a budget system covering all expenses is instituted and adhered to.

SECTION 4. He shall have control of the formation of schedules for all departments of the Athletic Association. All actions of the Management in each department shall be subject to his approval. He shall see that all men awarded letters, insignia, and numerals in each department receive a certificate attesting the same as specified in Article II of the By-Laws. He shall keep on file a complete record of the season for each department as presented by the Committee on Awards in each department and approved by him.

For meets and contests away from home the budget as presented by the Manager of each department shall be subject to his approval. The amount of this budget shall be paid by the

Graduate Manager to the Manager, the Graduate Manager taking the Manager's receipt. It shall be his aim to always provide the Manager with a sufficient amount to cover all expenses, having as a result a balance in the Manager's hands upon his return rather than a deficit.

For meets and contests at home the Graduate Manager shall be responsible for all arrangements for officials, tickets, grounds, etc., the Manager's responsibilities ending with getting the team on the field properly equipped and ready to play unless otherwise directed by the Graduate Manager, in which case he shall be responsible for the duties assigned to him by the Graduate Manager.

All orders for equipment as prepared by the Manager shall be subject to his approval. Such equipment as is ordered shall be charged to him.

SECTION 5. He shall act as Chairman of the Nominating Committee. As such he shall call all meetings of the Nominating Committee and shall preside over them. He shall receive all communications for the Nominating Committee.

ARTICLE VII.

Nominating Committee.

SECTION 1. The Nominating Committee shall consist of the Graduate Manager and the three representative members of the Students Association elected to the Executive Athletic Committee.

SECTION 2. The Graduate Manager shall receive office as specified in Article VI, Section 1, and the members of the Students Association shall be elected as specified in Article IV, Section 2.

SECTION 3. The officers of the Nominating Committee shall be a Chairman and a Secretary. These shall be the Graduate Manager and the Secretary of the Executive Athletic Committee respectively. They shall assume such duties as are specified in Article VI, Section 5, and Article V, Section 2, respectively.

SECTION 4. The Nominating Committee shall meet at

- (a) The call of the Chairman; or
- (b) The written request of any other two (2) members of the Committee.

A quorum of the Nominating Committee shall consist of the Graduate Manager and not less than two other members of the Committee.

SECTION 5. The Nominating Committee shall nominate for each department not less than six Sophomores for Sub-Assistant Managers preferably though not necessarily from a list of candidates which the Manager of each department may present.

In event of a vacancy in the Managership of any department, the Nominating Committee shall nominate two Seniors, from whom the Team Squad shall elect one as Manager. These shall be preferably though not necessarily the defeated Sub-Assistant Managers of the department.

In event of a vacancy in the Assistant Managership of any department, the Nominating Committee shall nominate three Juniors, from whom the Team Squad shall elect one as Assistant Manager. These shall be preferably though not necessarily the defeated Sub-Assistant Managers of the previous season.

In event of a vacancy in the Sub-Assistant Managership of any department, the Nominating Committee shall nominate three Sophomores, from whom the Team Squad shall elect one as Sub-Assistant Manager.

In event the Executive Athletic Committee decides that a change of Manager is desirable, the Nominating Committee shall nominate two Seniors, from whom the Team Squad shall elect one as Manager. These shall be preferably though not necessarily the defeated Sub-Assistant Managers of the department.

ARTICLE VIII.

Departments.

SECTION 1. There shall be eight departments in the Haverford College Athletic Association, namely, Football, Soccer, Gymnasium, Basketball, Track, Baseball, Tennis, and Cricket.

SECTION 2. Each of these departments shall consist of a Captain; the Management comprising a Manager, an Assistant Man-

ager, and four Sub-Assistant Managers; the existing coach, if there is any; a Committee on Awards; a Regular Team; and a Team Squad.

ARTICLE IX.

Captain.

SECTION 1. The Captain of each department shall be elected by the Regular Team selected as specified in Article XIII immediately after the last game of the season. The election shall be by secret ballot, shall be conducted by the Committee on Awards, and shall be subject to the approval of the Executive Athletic Committee. Only members of the Regular Team shall be eligible for election.

SECTION 2. In event a Captain shall fail to fulfill his term of office or is removed from office by the Executive Athletic Committee, a new Captain shall be elected by the Regular Team in the customary manner to serve for the balance of his predecessor's term of office.

SECTION 3. The Captain of each department shall act in his capacity of leadership to create greater enthusiasm and harmony of action among the members of and candidates for the team which he captains.

SECTION 4. He shall be *ex-officio* Chairman of the Committee on Awards in the department of which he is Captain. As such he shall call all meetings of the Committee on Awards and shall preside over them. He shall receive all communications for the Committee on Awards in his department.

ARTICLE X.

Management.

SECTION 1. The Management of each department shall consist of a manager, an Assistant Manager, and four Sub-Assistant Managers.

SECTION 2. The Manager of each department shall be the Assistant Manager of the previous season subject to the approval of the Team Squad immediately after the last game of the sea-

son. If the Assistant Manager has proved himself incapable of properly performing a Manager's duties, the Team Squad shall have full power to elect a new Manager from two Seniors nominated by the Nominating Committee. The Team Squad shall have full power in deciding upon the capability of an Assistant Manager.

The Assistant Manager of each department shall be elected by the Team Squad immediately after the last game of the season from the four Sub-Assistant Managers serving the previous season.

The Sub-Assistant Managers of each department shall be elected by the Team Squad from not less than six Sophomores nominated by the Nominating Committee.

The election of a Manager, an Assistant Manager, and four Sub-Assistant Managers shall be by secret ballot, shall be conducted by the Committee on Awards, and shall be subject to the approval of the Executive Athletic Committee. The Executive Athletic Committee will preferably not approve the election of a student as Manager or Assistant Manager of any department if that student is a member of the Team Squad of that department.

SECTION 3. In event a Manager shall fail to fulfill his term of office or is removed from office by the Executive Athletic Committee, a new Manager shall be elected by the Team Squad from two Seniors nominated by the Nominating Committee. These shall be preferably though not necessarily the defeated Sub-Assistant Managers of the department.

In event an Assistant Manager shall fail to fulfill his term of office or is removed from office by the Executive Athletic Committee, a new Assistant Manager shall be elected by the Team Squad from three Juniors nominated by the Nominating Committee. These shall be preferably though not necessarily the defeated Sub-Assistant Managers of the previous season.

In event a Sub-Assistant Manager shall fail to fulfill his term of office, a new Sub-Assistant Manager shall be elected from three Sophomores nominated by the Nominating Committee.

SECTION 4. The Manager of each department shall be directly responsible to the Graduate Manager and all his actions shall be subject to the approval of the Graduate Manager.

The Manager shall order such equipment for his team as has been approved by the Graduate Manager. He shall make all arrangements for trips which are to be taken by the team of his department subject to the approval of the Graduate Manager and shall see that all trips are properly conducted. He shall prepare a budget for each trip in co-operation with the Graduate Manager. This amount shall be paid by the Graduate Manager to the Manager, for which the Manager shall give the Graduate Manager a receipt. Immediately after each trip the Manager shall give the Graduate Manager an itemized account of the trip on forms provided by the Graduate Manager and shall return the guarantee intact, all other incomes, and the balance in his hands above the actual expenses of the trip. The Manager shall see that all visiting teams for his department are properly met and receive proper attention until their departure.

The Manager is requested to present a list of candidates for Sub-Assistant Managers to the Nominating Committee.

The Manager shall be a member of the Committee on Awards. As such he shall prepare a complete record of the season in which he has been Manager, including the scores of all meets and contests, names of all men participating in each game, a list of the Regular Team, and a list of the Team Squad.

The Assistant Manager of each department shall be directly responsible to the Manager of that department. He shall perform such duties and render such assistance as the Manager may require.

The Sub-Assistant Managers of each department shall be responsible to the Assistant Manager and Manager of that department. They shall perform such duties and render such assistance as they may require.

ARTICLE XI.

Coach.

SECTION 1. The Coach of each department shall be appointed by the Executive Athletic Committee, which shall make such regulations in his regard as it may deem fitting and necessary.

SECTION 2. He shall be directly responsible to the Executive Athletic Committee and shall have such relations with the Executive Athletic Committee as they shall stipulate in their contract with him.

He shall be a member of the Committee on Awards and as such shall be responsible for the duties which it may require of him.

ARTICLE XII.

Committee on Awards.

SECTION 1. The Committee on Awards in each department shall consist of the Captain, Manager, and Coach of that department chosen as specified in Articles IX, X, and XI respectively.

SECTION 2. The officers of the Committee on Awards shall be the Chairman who shall be the Captain. He shall receive office and assume such duties as are specified in Article IX.

SECTION 3. The Committee on Awards shall meet at the request of any member of the Committee. No business shall be transacted in the absence of any member of the Committee.

SECTION 4. The Committee on Awards shall select the Regular Team and Team Squad in accordance with the regulations of Article XIII. It shall select the members of the team who shall compete in each meet or contest of that department. It shall decide what candidates for the team of that department shall be taken on a trip when there is a meet or contest away or shall report dressed for a meet or contest at home.

The Committee on Awards shall arrange a schedule of practices for the team and candidates for the team. In conjunction with the Athletic Director of the College it shall decide what the training rules for that department shall be. It shall see that each member of the team and candidate for the team is acquainted with these rules and adheres to them. It shall conduct all elections of the Regular Team and Team Squad for Captain, Manager, Assistant Manager, and Sub-Assistant Manager as specified in Articles IX and X. It shall decide upon all awards for the past season subject to the approval of the Executive Athletic Committee. It shall keep the results of all elections

and awards secret until publication of the same is authorized by the Executive Athletic Committee.

ARTICLE XIII.

Regular Team and Team Squad

SECTION 1. The Regular Team in each department shall consist of all men receiving the Varsity Letter in that department and of such Numeral men and other members of the Team Squad as the Committee on Awards shall choose, provided that all Numeral men shall be chosen before any other members of the Team Squad are chosen. The Regular Team shall at no time consist of more than two men above the number of men on a team nor less than the number of men on a team. The Regular Team shall meet at the call of the Committee on Awards.

It shall be the duty of the Regular Team to elect the Captain for the following season as specified in Article IX, Section 1.

SECTION 2. The Team Squad in each department shall consist of such men as are chosen by the Committee on Awards in accordance with the following regulations.

The Team Squad shall be defined in each department as follows:

(a) Football—Not less than twenty-two men, including all men who have participated in any intercollegiate varsity game during the season.

(b) Soccer—Not less than twenty-two men, including all men who have participated in any intercollegiate varsity game during the season.

(c) Gymnasium—All men performing in any varsity meet or varsity exhibition during the season.

(d) Basketball—Not less than ten men, including all men who have participated in any intercollegiate varsity game during the season.

(e) Track—All men performing in any intercollegiate varsity meet during the season.

(f) Baseball—Not less than eighteen men, including all men who have participated in any intercollegiate varsity game during the season.

(g) Tennis—All men playing in any intercollegiate varsity match during the season.

(h) Cricket—Not less than twenty-two men, including all men who have participated in any varsity match during the season.

The Team Squad shall meet at the call of the Committee on Awards.

It shall be the duty of the Team Squad to elect the Manager, Assistant Manager, and Sub-Assistant Managers as specified in Article X.

ARTICLE XIV.

Finances.

SECTION 1. All funds belonging to this Association shall be in the hands of the Graduate Manager as specified in Article VI, Section 3. These funds shall include all dues of all members as specified in Article III, Section 2; all gate receipts and guarantees received; and all contributions and other receipts for the benefit of the Athletic Association. At the beginning of each scholastic year the President of the College shall submit a budget of the funds of the College available for athletic purposes, said budget to be strictly adhered to by the Executive Athletic Committee or funds from this source.

SECTION 2. All funds shall be expended by the Graduate Manager according to his best judgment. He shall not disburse sums greater than fifty dollars (\$50) until such expenditure shall have been approved by the Executive Athletic Committee.

Orders for equipment as approved by the Graduate Manager shall be charged to the Graduate Manager.

Expenditures for trips shall be made as specified in Article VI, Section 4, and Article X, Section 4.

ARTICLE XV.

By-Laws.

The By-Laws of this Association may be amended or suspended by a two-thirds vote of the members of the Executive Athletic Committee present at any meeting.

ARTICLE XVI.

Amendment to Constitution.

This Constitution may be amended by a two-thirds vote of the Executive Athletic Committee provided that each member of the Executive Athletic Committee receive a copy of the proposed amendment at least one week prior to said vote.

Any amendment thus adopted must be approved by a two-thirds vote of the Students Association and of the faculty, and whenever feasible, of the Alumni Association, within two weeks after its adoption.

**Proposed Change in the Constitution of the
Athletic Association of Haverford College
(Action pending)**

ARTICLE VI.

SECTION 6. The first paragraph shall be changed to read as follows:

Subject to the ultimate authority of the Faculty, the Executive Athletic Committee shall have full power to act in all matters which may arise in connection with Haverford College athletics.

By-Laws of the Haverford College Athletic Association

ARTICLE I.

Eligibility Rules.

SECTION 1. The eligibility rules for all Haverford College athletics shall be as stated herein except wherein they shall be supplemented by the rules of any conference, association, or organization of which the Haverford College Athletic Association is a member.

SECTION 2. No student shall be allowed to represent the College in any athletic contest either individually or as a member of any team who either before or since entering the College shall have engaged for money in any athletic competition, whether for stake or money prize, or a share of the entrance fees or admission money; or who shall have competed under a false name in any athletic exercise; or who shall have taught or pursued as a means of livelihood any athletic exercise; or who shall have directly or indirectly accepted or received remuneration for training or coaching any other person in any athletic exercise, for acting as referee, judge, umpire, scorer, manager, director, or in any other capacity at any professional exhibition or contest of any athletic exercise.

Nothing herein shall be construed to prohibit the acceptance by a person of his necessary traveling expenses incurred as referee, judge, umpire, scorer, or starter, in going to and from the place of any amateur contest; or the acceptance of compensation for services rendered as ticket-taker or ticket-seller at any contest or exhibition of amateur athletics; or the acceptance of compensation for services personally rendered as secretary, treasurer, manager, or superintendent of any amateur athletic club; or receiving compensation as editor, manager, director, correspondent, reporter of, or contributor to any sporting, athletic, or other paper or periodical.

SECTION 3. No one shall play on any College team in any contests who is not a bona-fide student of the College, regularly registered and in good standing.

SECTION 4. No student who is admitted to Haverford College from another university or college shall be permitted to participate in intercollegiate athletic contests within a period of one-half year from date of admission.

SECTION 5. No student shall represent the College in athletic contests for more than four years.

SECTION 6. Any student holding a degree from a recognized college or university is ineligible to represent Haverford College in intercollegiate athletic contests.

SECTION 7. No student shall be allowed to represent the College on any Varsity or Class team under an assumed name.

ARTICLE II.

Awards.

SECTION 1. All awards by the Haverford College Athletic Association shall be made by the Committee on Awards in each department subject to the approval of the Executive Athletic Committee.

SECTION 2. The awards which may be given in recognition of athletic ability and service to the College are: Varsity Letter, Varsity Insignia, and Class Numerals.

Upon vote of the Team Squad the Committee on Awards may include in its awards an award of a charm to the manager for his services.

No man shall receive more than one award in any one department in any one season.

SECTION 3. Each man awarded a Varsity Letter or Varsity Insignia shall receive a certificate attesting the same and signed by the President of the College, the Athletic Director and the Captain of the department awarding the letter.

Each man awarded the Class Numerals shall receive a certificate attesting the same and signed by the Athletic Director and the Captain of the department awarding the numerals.

SECTION 4. Each man shall receive a sweater with the first Varsity Letter which has been awarded to him in each department.

SECTION 5. No person shall be entitled to wear any emblem or award, uniform or parts of uniform, except on the field or in a meet and then only when authorized to such effect, until that person shall have been authorized to do so by the Committee on Awards.

SECTION 6. The Varsity H for all branches of athletics shall be as follows: (a) On all coat sweaters and jerseys the H shall be block and shall be $2\frac{3}{4}$ inches across (not including the block) and $4\frac{1}{2}$ inches high. The block shall extend $\frac{1}{2}$ inch beyond the bar and shall be $\frac{1}{2}$ inch thick at the base, tapering to $\frac{3}{8}$ inch at the end. The base shall be $\frac{3}{4}$ inch thick. (b) On all V-neck sweaters the H shall be straight, 4 inches wide and $5\frac{1}{2}$ inches high, the base shall be 1 inch thick, except the Cricket and Baseball H, which shall be Block H's.

The Varsity Insignia shall be as specified in those departments in which they may be awarded.

In each department the Class Numerals and sweaters shall be identical in color and style, respectively, with the regulation Varsity H and sweater as prescribed for that department. The numerals shall be plain Arabic numerals, $3\frac{1}{2}$ inches high and $\frac{3}{4}$ inch thick.

The Charm awarded to Managers shall be gold in the form of an H properly engraved.

ARTICLE III.

Football.

SECTION 1. The football jersey shall be black, with sleeves striped, alternating scarlet and black, the stripes being two (2) inches wide. The jersey may not be worn off the athletic field.

SECTION 2. The football sweater shall be a solid black coat or V-neck sweater with the regulation scarlet Varsity H. The football H shall be awarded each year to not more than twelve (12) men.

SECTION 3. Numerals may be awarded to not more than five (5) men in recognition of conscientious work during the season either on the Varsity or scrub teams.

ARTICLE IV.

Soccer.

SECTION 1. (a) The Varsity soccer uniform shall consist of a gray shirt with a scarlet and black stripe, 3 inches wide, running diagonally over the right shoulder; black trousers, scarlet belt and black stockings with a 4-inch scarlet horizontal stripe. The soccer shirt must be worn by a player in any First Team game.

(b) The Second Team uniform shall be similar to that of the Varsity, except that the shirt shall have no stripe. This shirt must be worn by a player in any Second Team game.

SECTION 2. The soccer sweater shall be a solid white coat or V-neck sweater, with the regulation scarlet Varsity H. The soccer H shall be awarded each year to not more than eight (8) men, except that eleven (11) H's may be awarded to a team winning the Intercollegiate Championship.

SECTION 3. Numerals may be awarded to not more than five (5) men who are adjudged to be the most deserving on the Varsity or Second Team.

ARTICLE V.

Gymnasium.

SECTION 1. The gymnasium costume shall be a leotard having a scarlet front, rounded at the bottom and extending as far as the shoulder, and buttoning over the shoulder, and black tights with a scarlet belt.

SECTION 2. The gymnastic sweater shall be either a scarlet coat sweater having a black border $1\frac{3}{4}$ inches wide, black wristlets 4 inches deep and a black block H, or a scarlet V-neck sweater having a black band $1\frac{3}{4}$ inches wide on the skirt, and the regulation black straight H. The gymnastic H may be awarded each year only to those persons who have won one first place and ten other points in dual meets or a place in the Intercollegiates.

SECTION 3. The gymnastic insignia shall be the black mono-

gram H. G. T. worn on the scarlet front of the leotard or on the regular gymnastic sweater. The H shall be a regulation straight H, $\frac{1}{4}$ inch above the bar shall be a straight G $1\frac{1}{2}$ inches high and 1 inch wide, and $\frac{1}{4}$ inch below the bar shall be a straight T $1\frac{1}{2}$ inches high and 1 inch wide. This insignia shall be awarded to no persons who have not won at least six points in dual and triangular meets.

ARTICLE VI.

Basketball.

SECTION 1. The basketball uniform shall consist of a black jersey with two scarlet 1-inch stripes separated by $5\frac{5}{8}$ inches, or a white jersey with two scarlet and black 1-inch stripes separated by $5\frac{5}{8}$ inches; khaki basketball trousers with scarlet and black stripes of $\frac{5}{8}$ inch each, down the sides; and black stockings. The jersey shall be appropriately numbered on the back in scarlet.

SECTION 2. The basketball sweater shall be a solid white coat or V-neck sweater with the regulation scarlet and black block H. The regulation scarlet and black block H shall consist of two sections formed by the diagonal from the upper right-hand corner of the H (exclusive of the block) to the lower left-hand corner (exclusive of the block). Note that both upper blocks will be entirely scarlet and both lower blocks entirely black.

The basketball H shall be awarded each year to not more than three (3) men.

SECTION 3. Basketball numerals shall be awarded each year to not more than three (3) men, who are judged to be the most deserving on the first and second teams.

ARTICLE VII.

Track.

SECTION 1. The track uniform shall consist of a white sleeveless jersey and white running trousers, with scarlet and black $\frac{1}{2}$ -inch stripe down the sides and around the bottom.

SECTION 2. The track sweater shall be a solid scarlet coat or V-neck sweater, with the regulation black Varsity H. A regulation black block H shall be worn on the jersey. The track H shall be awarded each year and only the following men shall be eligible for consideration:

(a) In the annual I. C. A. A. A. Meet, men who have won a point or part of a point.

(b) In the Middle States Intercollegiate Meet, men who have won or tied for a place, and who have won three (3) points in dual meets during the season.

(c) In the U. of P. Relay Carnival, members of a winning relay team who have won three (3) points in dual meets during the season.

(d) In dual meets, men who have won first place or tied for first place with a member of the opposing team, and also won five (5) other points in dual meets during the season. Note—A tie for second place with a member of the opposing team shall count three (3) points.

SECTION 3. Numerals may be awarded to any man scoring six (6) points in dual meets during the season.

SECTION 4. Points toward the Walton Prize Cup shall be counted as follows:

(a) I. C. A. A. A. Meet—For each of the five places, respectively, 25, 20, 15, 10 and 5 points.

(b) M. S. I. C. C. Meet—For each of the four places, respectively, 15, 9, 6 and 3 points.

(c) U. of P. Relays—Each member of the relay team for the three places, respectively, 5, 3 and 1 points. Three places in individual events, respectively, 15, 9, and 3 points.

(d) Dual Meets—Points to count as they are scored for the team.

ARTICLE VIII.

Baseball.

SECTION 1. The baseball uniform shall consist of a plain gray collarless shirt with "Haverford" in 3-inch black letters on the breast and $\frac{3}{4}$ -inch sleeves, plain gray knee knickerbockers, plain

black stockings, and a gray cap with a black straight H $1\frac{1}{8}$ inches by $1\frac{1}{8}$ inches.

SECTION 2. The baseball sweater shall be a solid white coat or V-neck sweater with the regulation black block H. The baseball H shall be awarded each year to not more than five (5) men.

SECTION 3. Numerals shall be awarded to not more than five (5) men, who are adjudged to be the most deserving on the first and second teams.

ARTICLE IX.

Tennis.

SECTION 1. A scarlet regulation straight H shall be awarded to the winner or winners of the Intercollegiate Championship.

SECTION 2. The insignia shall consist of a scarlet monogram H.T.T. worn on the breast of a white V-neck sweater. The H shall be a regulation straight scarlet H; $\frac{1}{4}$ inch above and below the bar shall be a straight T $1\frac{1}{2}$ inches high and 1 inch wide. The insignia shall be awarded each year to not more than four (4) members of the Varsity team.

SECTION 3. Numerals may be awarded to not more than three (3) members of the first and second teams for conscientious work during the season.

ARTICLE X.

Cricket.

SECTION 1. The cricket colors shall consist of the cricket sweater, the scarlet and black blazer and cap, and scarlet and black sash. The cricket sweater shall be white, V-neck with a scarlet and black band on the skirt and wrists $1\frac{1}{2}$ inches wide, and shall have on the breast a scarlet block H. The cricket H shall be awarded each year to not more than five (5) men.

SECTION 2. Numerals may be awarded to not more than five

(5) men who are adjudged to be the most deserving on the first and second teams.

ARTICLE XI.

Varsity Hat.

SECTION 1. The only hat on which H's may be worn shall be Varsity hat, and H's may be worn thereon only by those to whom they have been awarded as herein provided. The hat shall be a white flannel University Special hat (such as Spalding's No. 202) with scarlet and black block H with diagonal line from upper left to lower right-hand corner, left section scarlet. The letter to be of the following dimensions: Height, $\frac{3}{4}$ inch between blocks; block, $\frac{9}{32}$ inch thick, projecting $\frac{3}{16}$ inch; width inside bars, $\frac{1}{2}$ inch; cross bars, $\frac{9}{32}$ inch thick midway between blocks; vertical bars, $\frac{1}{4}$ inch thick.

ARTICLE XII.

Class Hat.

SECTION 1. The only hat on which class numerals may be worn shall be the official class hat, and numerals may be worn thereon only by those to whom they have been awarded as herein provided. The numerals shall be plain Arabic numerals 1 inch high and $\frac{1}{4}$ inch thick.

ARTICLE XIII.

Wearing of Emblems.

No person shall be entitled to wear an emblem, uniform or parts of uniforms above mentioned, except on the field or in a meet, until that person shall have been authorized to do so by the committee having charge of same.

Proposed Changes in the By-Laws of the Athletic Association of Haverford College (Action Pending)

Article II. Awards.

Section 2, paragraph 3 shall be supplemented as follows:

No man shall receive more than one award in any one department in any one season. The number of awards given in any one sport in any one season shall be at the discretion of the Executive Committee.

This change implies alterations in specific directions for the awards of letters as follows:

Article III, Section 2, shall be amended to read as follows:

The football sweater shall be a solid black coat or V-neck sweater with regulation scarlet varsity H.

Section 3 shall be omitted.

Article IV, Section 2. The final sentence shall be omitted.

Section 3 shall be omitted.

Article V, Section 2. The last sentence shall be omitted.

Section 3. The last sentence shall be omitted.

Article VI, Section 2. The last paragraph shall be omitted.

Section 3 shall be omitted.

Article VII, Section 2. The third sentence shall be changed to read as follows:

In awarding the track H, the following considerations shall form a working basis: . . .

Article VIII, Section 2. The last sentence shall be omitted.

Section 3 shall be omitted.

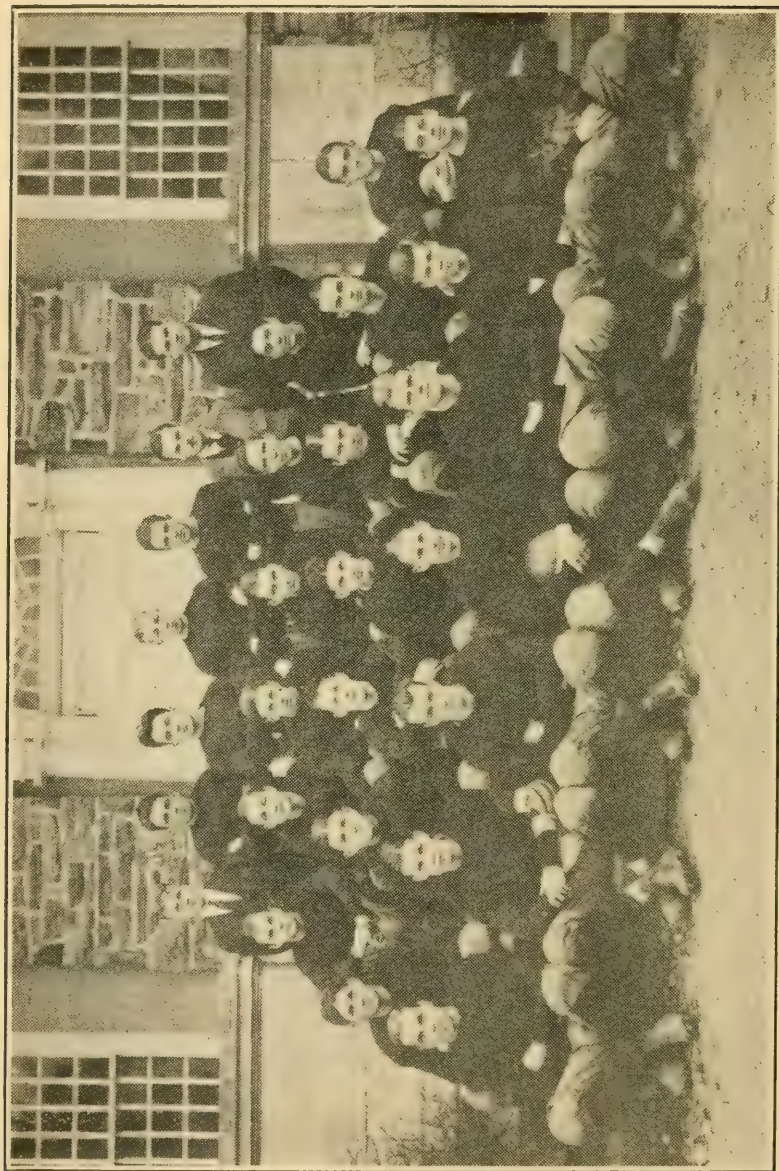
Article IX, Section 1, shall be changed to read as follows:

A scarlet regulation straight H shall be awarded at the discretion of the Executive Athletic Committee.

Section 3 shall be omitted.

Article X, Section 1. The last sentence shall be omitted.

Section 2 shall be omitted.



Haverford College Football Team, 1922-23

Football Department

Captain

H. TATNALL BROWN, JR., '23

Coach

HARVEY J. HARMAN, Pitt.

Manager

CHARLES F. BADER, '24

Cheer Leader

HAL G. FARRAR, '23

Football Camp: Birmingham Inn, Birmingham, N. J.

Haverford College Football Team

BROWN, '23 (<i>Captain</i>)	.....fullback
ALLEN, '23	.....left halfback
BACON, '23	.....right halfback
JONES, '23	.....right guard
LEWIS, '23	.....right halfback
STRAWBRIDGE, '23	.....center
COMFORT, '24	.....right tackle
HEILMAN, '24	.....left halfback
WILBUR, '24 (<i>Captain-elect</i>)	.....quarterback
BILLO, '25	.....left halfback
HOLLINGSHEAD, '25	.....right tackle
KUMM, '25	.....left halfback
MONTGOMERY, '25	.....right end
REINHARDT, '25	.....left guard
RHOADS, '25	.....left end
STRONG, '25	.....left tackle
BUSSELLE, '26	.....left guard
LAMBERTI, '26	.....right end
MILLER, '26	.....center
SASSAMAN, '26	.....left end

Awarded the Football "H"

BROWN, '23 (*Captain*)

ALLEN, '23

BACON, '23

JONES, '23

LEWIS, '23

STRAWBRIDGE, '23

COMFORT, '24

WILBUR, '24

HOLLINGSHEAD, '25

RHOADS, '25

MONTGOMERY, '25

STRONG, '25

REINHARDT, '25

MILLER, '26

Awarded the Football Numerals

HEILMAN, '24

BUSSELLE, '26

BILLO, '25

LAMBERTI, '26

KUMM, '25

SASSAMAN, '26

Football Scores, Season 1922-23

Oct. 7	Haverford.....	0	Stevens	0
Oct. 14	Haverford.....	14	Trinity	21
Oct. 21	Haverford.....	3	Johns Hopkins	16
Oct. 28	Haverford.....	0	Franklin and Marshall	61
Nov. 4	Haverford.....	48	Guilford	0
Nov. 11	Haverford.....	7	Delaware	28
Nov. 18	Haverford.....	10	Susquehanna	31
Nov. 15	Haverford.....	2	Swarthmore	25
<hr/>				
Totals	Haverford.....	84	Opponents	182

Haverford, 0; Stevens, 0**October 7, 1922****Haverford****Stevens**

Rhoads	l. c.	Gross
Strong	l. t.	D. Turnbull
Reinhardt	l. g.	Jones
Strawbridge	c.	Laverie
Jones	r. g.	G. Turnbull
Montgomery	r. t.	Schulte
Sassaman	r. e.	Einback
Wilbur	q. b.	DeHarte
Bacon	l. h. b.	McCaffery (Capt.)
Allen	r. h. b.	Snyder
Brown (Capt).	f. b.	O'Callaghan

Substitutions—Lamberti for Sassaman. Stevens—Veight for Schulte, Allen for O'Callaghan, Allen for O'Callaghan (2nd half), DeHardt for Gross. Referee—Hunt, of Penn. Umpire—Whiting. Head linesman—Challet. Time of periods—15 minutes.

Haverford, 14; Trinity, 21

October 14, 1922

Haverford		Trinity
Rhoads	l. e.	Hartt
Strong	l. t.	O'Connor
Reinhardt	l. g.	Noble
Strawbridge	c.	Brill (Capt.)
Jones	r. g.	Anderson
Montgomery	r. t.	Sinott
Lamberti	r. e.	Miller
Wilbur	q. b.	Kennedy
Bacon	l. h. b.	Wright
Billo	r. h. b.	Keating
Brown (Capt.)	f. b.	Fisher

Score by periods:

Haverford	7	7	0	0—14
Trinity	14	0	7	0—21

Touchdowns—Trinity: Kennedy, 2; Keating. Haverford: Brown, 2. Tries-for-point—Trinity: Keating, three place kicks. Haverford: Bacon, three place kicks. Substitutions—Trinity: Montgomery for Keating, Wilcox for Hart, Ortgies for Wright. Haverford: Hollingshead for Reinhardt, Miller for Strong. Referee—Shanley, Yale. Umpire—Waters, Williams. Head linesman—Coulter, Brown. Periods—12 minutes.

Haverford, 3; Johns Hopkins, 16

October 21, 1922

Haverford		Hopkins
Rhoads	l. c.	Middleton
Strong	l. t.	Magill
Reinhardt	l. g.	Slowick
Strawbridge	c.	Cromwell
Jones	r. g.	Walther
Montgomery	r. t.	Landy
Lamberti	r. e.	Schact
Allen	l. h. b.	Taylor
Bacon	r. h. b.	Turnbull
Wilbur	q. b.	Bonner
Brown (Capt.)	f. b.	Rich

Touchdowns—Rich and Middleton. Goal from field—Turnbull (drop-kick), Bacon (placement kick). Try-for-point—Turnbull (drop-kick). Referee—Cosgrove, of Cornell. Umpire—O'Brien, of Central High—Linesman—Slaw, of Ohio Wesleyan. Substitutions—Miller for Strawbridge, Comfort for Montgomery, Oliver for Strong, Billo for Allen, Hollingshead for Reinhardt, Sassaman for Rhoads. Time of periods—15 minutes.

Haverford, 0; Franklin and Marshall, 61

October 28, 1922

Haverford		F. & M.
Rhoads	l. c.	Bassett
Strong	l. t.	Franck
Reinhardt	l. g.	Geesey
Miller	c.	DeHaven
Jones	r. g.	Barr (Capt.)
Hollingshead	r. t.	Williams
Lamberti	r. e.	Brown
Wilbur	q. b.	Yohn
Bacon	l. h. b.	Kingsley
Allen	r. h. b.	Murphy
Brown (Capt.)	f. b.	Cragin

Substitutions—Haverford: Heilman for Wilbur, Sassaman for Lamberti, Lord for Bacon, Comfort for Hollingshead, Strawbridge for Miller, Kumm for Heilman, Wilbur for Lord, Montgomery for Strong, Hollingshead for Reinhardt, Lamberti for Sassaman. F. & M.: Roberts for Bassett, Kunkel for Franck, W. Brown for Geesey, Birney for W. Brown, Payne for DeHaven, Jamieson for Payne, Allen for Birney, Weaver for Williams, Hershey for Brown, Scott for Hershey, Geiges for Yohn, Yohn for Geiges, Childs for D. Cragin, Coons for Childs, H. Jones for Murphy, Faust for Barr, Cain for Roberts, Shaeffer for Allen. Touchdowns—Cragin, 2; Kingsley, 4; Yohn, 1; Childs, 1; Scott, 1. Dropkicks for point—Yohn, 7 out of 9. Referee—Miller, of Penn State. Umpire—Sigman, of Lafayette. Head linesman—Moffatt, of Penn State. Periods—14 minutes.

Haverford, 48; Guilford, 0

November 4, 1922

Haverford		Guilford
Rhoads	l. e.	Pringle
Strong	l. t.	Nicholson
Reinhardt	l. g.	Harrell
Miller	c.	Harrick
Jones	r. g.	Lassiter
Hollingshead	r. t.	Shore
Montgomery	r. c.	Smith
Wilbur	q. b.	Frazier
Bacon	l. h. b.	Purvis
Allen	r. h. b.	Knight
Brown (Capt.)	f. b.	Thomas

Touchdowns—Brown, 3; Wilbur, Allen, Montgomery, Rhoads. Goals after touchdown—Brown, 4; Bacon, 2. Substitutions—Haverford: Strawbridge for Miller, Heilman for Bacon, Nock for Heilman, Kumm for Nock, Busselle for Jones, Sumwalt for

Strong, Lamberti for Montgomery, Robertson for Reinhardt, Montgomery for Lamberti, Lowry for Allen. Guilford: Johnson for Thomas, Taylor for Knight. Referee—Whiting, of Cornell. Umpire—Davidson, of Penn. Head linesman—Kinney, of Trinity, Conn. Time—14-minute periods.

Haverford, 7; Delaware, 28

November 11, 1922

Haverford

Delaware

Rhoads	l. e.	Magaw
Strong	l. t.	McKelvie
Reinhardt	l. g.	Akin
Miller	c.	Donaldson
Jones	r. g.	Cole
Hollingshead	r. t.	Coffigon
Montgomery	r. e.	Price
Wilbur	q. b.	Cherpak
Bacon	l. h. b.	Elliot
Allen	r. h. b.	McDonald
Brown (Capt.)	f. b.	Williams

Touchdowns—Cherpak, Williams, 2; Magaw, Brown. Goals from touchdown—McDonald, Williams, Bacon. Safety—Delaware. Substitutions—Haverford: Lamberti for Montgomery, Kumm for Bacon, Busselle for Jones, Strawbridge for Miller, Sassaman for Rhoads, Comfort for Reinhardt, Lewis for Allen. Delaware: Steel for Cherpak, Weggenmann for MacDonald, Kramer for Akin, Boyce for McKelvie, Lynch for Cole, Manning for Price, Barkley for Magaw, Jackson for Steel. Referee—White, of Penn. Umpire—Green, of Dartmouth. Head linesman—Stollenwreck, of Swarthmore. Time of quarters—12 and 15 minutes.

Haverford, 10; Susquehanna, 31

November 18, 1922

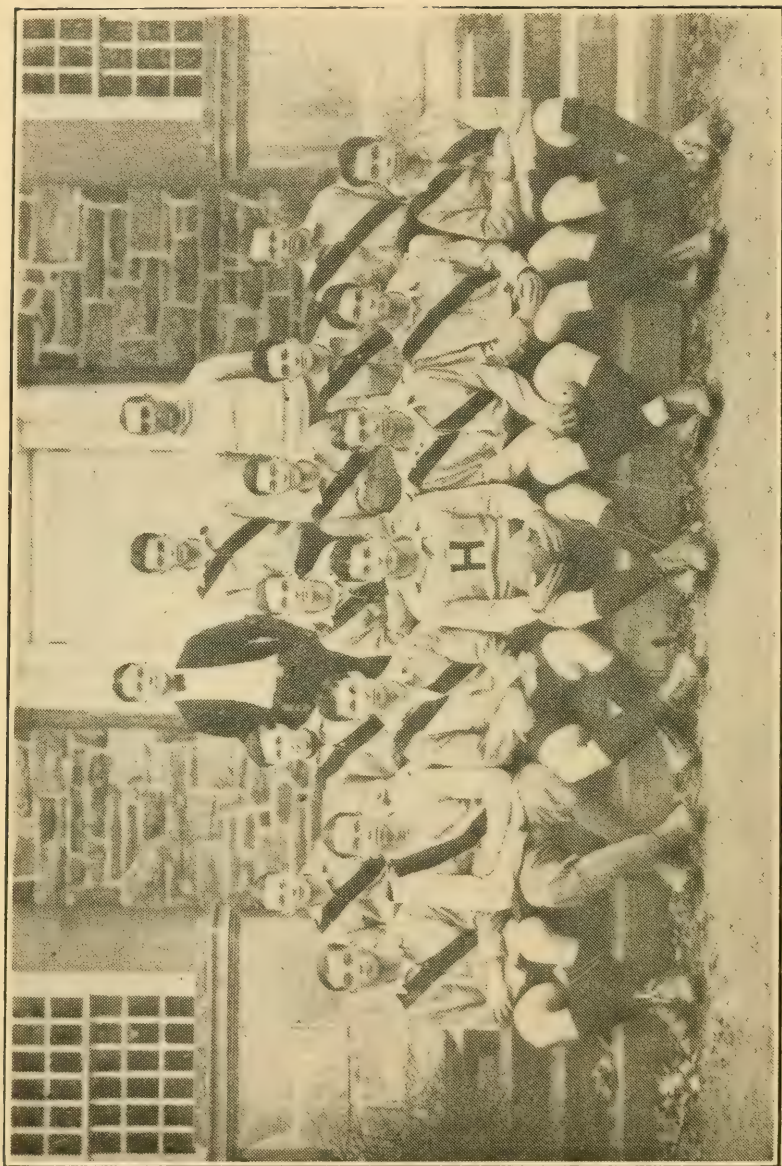
Haverford		Susquehanna
Rhoads	l. e.	Thomas
Strong	l. t.	Nipple
Reinhardt	l. g.	Bannon
Miller	c.	Means
Jones	r. g.	Briggs
Hollingshead	r. t.	Blough
Montgomery	r. e.	Smith
Kumm	q. b.	Steumpfle
Bacon	l. h. b.	Sweeney
Allen	r. h. b.	Bronse
Brown	f. b.	Rogowicz

Touchdowns—Sassaman, Sweeney, Bronse, Rogowicz 3.
 Substitutions—Haverford: Comfort for Strong, Lewis for Bacon, Lord for Kumm, Lowry for Allen, Busselle for Reinhardt, Strawbridge for Miller, Sassaman for Rhoads, Lamberti for Montgomery. Substitutions—Susquehanna: Bolig for Bronse, Brown for Sweeney, Constable for Rogowicz, Hartman for Briggs, Colhouse for Thomas, Keebler for Nipple, Gordon for Means, Carpenter for Thomas, Bullock for Blough, Dodd for Steumpfle, Sweeney for Broyn. Referee—Wight, of Bates. Umpire—Davidson, of Penn. Head Linesman—Whitstone, of Penn. Periods—15 minutes.

Haverford, 2; Swarthmore, 25**November 25, 1922**

Haverford		Swarthmore
Rhoads	l. e.	Korn
Strong	l. t.	L. Wilcox
Reinhardt	l. g.	Shoemaker
Strawbridge	c.	Cornell (Capt.)
Jones	r. g.	Knauer
Comfort	r. t.	Willis
Montgomery	r. e.	Jackson
Wilbur	q. b.	Schneider
Allen	r. h. b.	N. Wilcox
Bacon	l. h. b.	Knapp
Brown (Capt.)	f. b.	Asplundh

Touchdowns—Schneider; N. Wilcox, 2; Asplundh. Goal from placement—Cornell. Goals missed from placement—Asplundh, 3. Safety—Asplundh. Substitutions—Swarthmore: Thoenen for Knapp, Long for Knauer, Limberger for Korn, Kistler or Shoemaker, Dotterer for Schneider. Haverford—Miller for Strawbridge, Billo for Allen, Strawbridge for Miller, Miller for Strawbridge, Heilman for Bacon, Lamberti for Montgomery, Sassaman for Rhoads, Montgomery for Sassaman, Busselle for Reinhardt, Hollingshead for Comfort. Referee—Gillender, of Penn. Umpire—Davidson, of Penn. Head Linesman—C. E. Eckels, of W. & J. Field Judge—Dr. Carl Williams, of Penn. Periods—15 minutes.



Haverford College Soccer Team, 1922-23

Soccer Department

Manager

C. DIXON HEYER, '23

Assistant Manager

ROBERT BARRY, '24

Coach

JAMES McPEET

Captain

W. C. HUNSICKER, JR., '23

Wearers of Soccer "H"

R LONGSTRETH, '24, *Captain-elect* H. L. WILBUR, '23

R. M. THOMAS, '25

G. S. HOAG, '23

W. C. HUNSICKER, JR., '23

J. M. FISHER, '24

R. W. LEEDS, '24

J. C. BORTON, '23

Wearers of Soccer Numerals

P. G. RHOADS, '24

T. C. GARRETT, '25

J. C. STARBUCK, '25

S. E. WILLEY, '25

1922-23 Intercollegiate Schedule with Scores

Haverford	..... 0	Yale	..... 0
Haverford	..... 0	Cornell	..... 0
Haverford	..... 0	Princeton	..... 4
Haverford	..... 3	Pennsylvania	..... 5
Haverford	..... 5	Harvard	..... 0
	—		—
	8		9

Princeton was the 1922-23 champion, defeating Penn. in a play-off of the tie which resulted from the regular competition. Haverford finished in fourth place.

Other Scores

Haverford	3	Merion Reds	1
Haverford	1	Merion Whites	1
Haverford	4	David Lupton's Sons	1
Haverford	0	Penn State	4
Haverford	4	Swarthmore	0
<hr/>		<hr/>	
12		7	

Second Team Scores

Haverford	0	Girard College	1
Haverford	1	George School	2
Haverford	3	Upper Darby	1
Haverford	2	West Philadelphia High	1
Haverford	0	Autocar	3
Haverford	0	Lehigh	3
Haverford	1	Lafayette	2
Haverford	3	Swarthmore	1
Haverford	0	U. of P. 2nd	4
<hr/>		<hr/>	
10		18	

Haverford College Soccer Team, 1922-23

WILBUR	goal
LEEDS	left fullback
FISHER	right fullback
THOMAS	right halfback
HOAG	center halfback
LONGSTRETH (<i>Capt.-elect</i>)	left halfback
WILLEY	outside left
RHOADS	inside left
HUNSICKER (<i>Captain</i>)	center forward
STARBUCK	inside right
BORTON	outside right

Intercollegiate League

October 7, 1922

Haverford, 0; Yale, 0

Haverford

Yale

Wilbur	g.	Scheide
Leeds	l. f. b.	Henderson
Fisher	r. f. b.	Parker
Hoag	l. h. b.	Yurrita
Thomas	c. h. b.	Caldwell
Knowlton	r. h. b.	Sauer
Wiley	o. l.	(Acting Capt.) Gibbs
Garrett	i. l.	Banij
Starbuck	c. f.	Gillman
Hunsicker (Capt.)	i. r.	Kellog
Borton	o. r.	Hodges

Substitutions—For Haverford, Longstreth for Knowlton
 Referee—Connell. Linesmen—Rogers and Loomis. Time—45
 minute halves, with 10 minute extra period.

Haverford, 0; Cornell, 0

October 21, 1922

Haverford

Cornell

Wilbur	g.	Stone
Leeds	l. f. b.	Wright
Fisher	r. f. b.	Woolf
Longstreth	l. h. b.	Ayou
Hoag	c. h. b.	Thomson
Thomas	r. h. b.	Hulnick
Wiley	o. l.	Cook
Garrett	i. l.	Crabtree
Hunsicker (Capt.)	c. f.	Meyer
Starbuck	i. r.	Smith
Borton	o. r.	Righter

Substitutions—For Haverford, Knowlton for Thomas; for
 Cornell, Leonard for Woolf, Wickham for Ayou. Referee—
 Campbell. Linesmen—Rogers and Pethick. Time—45 minutes
 halves, with 10 minute extra period.

November 4, 1922

Haverford, 0; Princeton, 4

Haverford	Princeton
Wilbur	g. (C) J. C. Cooper
Leeds	l. f. b. Martin
Fisher	r. f. b. Hurditch
Longstreth	l. h. b. Davis
Hoag	c. h. b. Smart
Thomas	r. h. b. Seidensticker
Willey	o. l. Townley
Rhoads	i. l. Thomas
Hunsicker (Capt.)	c. f. Mutch
Starbuck	i. r. Lubin
Borton	o. r. Jewett

Goals—For Princeton, Mutch, J. W. Cooper. Haverford Thomas. Substitutions—For Haverford, Garrett for Rhoads. For Princeton—J. W. Cooper for Mutch, Mutch for Lubin. Simmons or Townley. Linesmen—Knowlton and Oliver. Time—45 minute halves.

Haverford, 3; Pennsylvania, 5

November 11, 1922

Haverford	U. of P.
Wilbur	g. Cowperthwaite
Leeds	l. f. b. Castle
Fisher	r. f. b. Downs
Longstreth	l. h. b. Vollmer
Hoag	c. h. b. (C.) Amelia
Thomas	r. h. b. Barron
Willey	o. l. McElroy
Rhoads	i. l. Partridge
Hunsicker (Capt.)	c. f. Linglebach
Starbuck	i. r. Blair
Borton	o. r. Nolte

Goal—For Haverford, Starbuck, Hunsicker and Downs. For Penn—Partridge (2), McElroy, Barron and Blair (penalty). Substitutions—For Haverford, Garrett for Rhoads, Rhoads for Garrett. Referee—D. A. Scott. Linesman—Knowlton. Time—45 minutes halves, with 10 minute extra period.

Haverford, 5; Harvard, 0

November 30, 1922

Haverford		Harvard
Wilbur	g.	Bondi
Leeds	l. f. b.	Sullivan
Fisher	r. f. b.	Hartley
Longstreth	l. h. b.	Battison
Hoag	c. h. b.	Wale
Thomas	r. h. b.	Begg
Wiley	o. l.	Tuttle
Hunsicker (Capt.)	i. l.	Pringle
Rhoads	c. f.	Heiser
Starbuck	i. r.	Pallo
Borton	o. r.	Dorman

Goals—Hunsicker (2), Rhoads (2), Starbuck. Substitutions—For Haverford, Garrett for Wiley. For Harvard, Eldridge for Tuttle. Referee—Bamford. Time—45 minute halves.

Basketball Department

Captain

JERROLD C. ARNOLD, JR.

Manager

GORDON W. STRAWBRIDGE

Assistant Manager

HOWARD COMFORT

Coach

WALTER HUNTZINGER

Members of Team

JERROLD C. ARNOLD, JR.	Forward
OWEN B. RHOADS	Forward
LEIGH CHADWICK	Center
WILLIAM C. HUNSICKER, JR.	Guard
THOMAS C. GARRETT	Guard

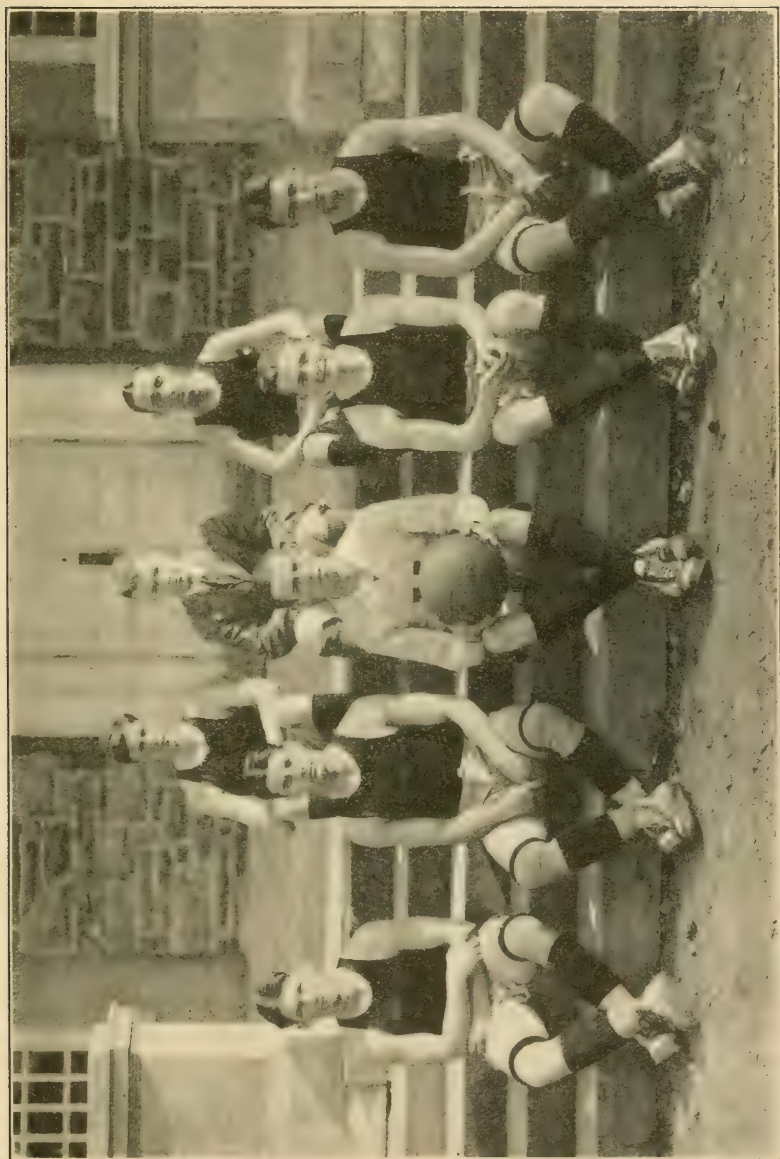
Substitutes—Heilman, Maguire, M. Miller, Yerkes.

Letters Awarded

ARNOLD
GARRETT
HUNSICKER
RHOADS

Numerals Awarded

CHADWICK
HEILMAN
YERKES



HAVERFORD COLLEGE BASKETBALL TEAM, 1922-23

Schedule, 1923

Team	Where Played	Date
Phila. Textile	Haverford	Dec. 8
Princeton U.	Princeton	Dec. 13
New York U.	New York	Dec. 16
Muhlenberg	Allentown	Jan. 13
Stevens Tech.	Hoboken	Jan. 20
Drexel Inst.	Haverford	Jan. 27
Temple U.	Philadelphia	Feb. 7
F. & M.	Lancaster	Feb. 13
Delaware U.	Newark, Del.	Feb. 17
Susquehanna U.	Haverford	Feb. 23
F. & M.	Haverford	Mar. 2
Swarthmore	Swarthmore	Mar. 10

Two practice games at college with Alumni and with Quaker A. C.

Haverford, 15; Philadelphia Textile, 19

Haverford

Phila. Textile

Heilman	forward	Mackey
Arnold	forward	Slinger
Maguire	center	Nelson
Haines	guard	Girkstresser
Rhoads	guard	Schneider

Field goals—Slinger, 3; Mackey, 2; Nelson, 2; Schneider, 2; Arnold, Heilman, Haines, 1. Foul goals—Arnold, 7 out of 9; Nelson, 1 out of 2.

Haverford, 4; Princeton, 42

Haverford

Princeton

Heilman	forward	Klaess
Arnold	forward	Lemon
Chadwick	center	Gaines
Haines	guard	Loeb
Rhoads	guard	Jeffries

Field goals—Loeb, 4; Jeffries, 4; Klaess, 3; Gaines, 2; Cleaves, 2; Lemon, 2; Davis, 1; Gergen, 1; Yerkes, 1. Foul goals—Loeb, 2; Gaines, 1; Arnold, 2 out of 4.

Haverford, 12; New York University, 38**Haverford****New York U.**

Heilman	forward	Hawes
Arnold	forward	Masline
Chadwick	center	Taylor
Hunsicker	guard	Toorock
Rhoads	guard	Feinberg

Field goals—Masline, 5; Toorock, 3; Hawes, 3; Feinberg, Taylor, Johns, Heilman, Arnold, 1. Foul goals—Toorock, 10 out of 21; Arnold, 8 out of 14.

Haverford, 17; Muhlenberg, 28**Haverford****Muhlenberg**

Heilman	forward	Freed
Rhoads	forward	Holstrom
Arnold	center	Weston
Garrett	guard	Lewis
Hunsicker	guard	Loughridge

Field goals—Weston, 3; Huddy, 3; Arnold, 2; Lewis, 2; Garrett, Weston, Holstrom, 1. Foul goals—Arnold, 11 out of 16; Lewis, 10 out of 15.

Haverford, 10; Stevens Tech., 39**Haverford****Stevens Tech.**

Heilman	forward	Kurtz
Rhoads	forward	Rainer
Arnold	center	Ingelbreston
Garrett	guard	Hannigan
Hunsicker	guard	Ottman

Field goals—Heilman, 8; Kurtz, 7; Rainer, 3; Seidler, 2; Arnold, Garrett, Heilman, Hunsicker, Hannigan, 1. Foul goals—Arnold, 2 out of 5; Kurtz, 9 out of 12.

Haverford, 18; Drexel Institute, 27**Haverford****Drexel Inst.**

Heilman	forward	Weinberger
Rhoads	forward	Skipps
Arnold	center	Dugan
Garrett	guard	Connell
Hunsicker	guard	Jones

Field goals—Arnold, 3; Skipps, 3; Connell, 3; Hunsicker, 2; Weinberger, 2; Dugan. Foul goals—Arnold, 8 out of 9; Weinberger, 9 out of 11.

Haverford, 10; Temple University, 24**Haverford****Temple**

Heilman	forward	Hackman
Rhoades	forward	Courtney
Arnold	center	Thornton
Garrett	guard	Gallegher
Hunsicker	guard	Baker

Field goals—Gallegher, 4; Baker, 2; Hackman, 2; Arnold, Garrett, Thornton, 1. Foul goals—Arnold, 6 out of 7; Courtney, 6 out of 14.

Haverford, 13; Franklin and Marshall, 35**Haverford****Franklin and Marshall**

Heilman	forward	Yohn
Rhoads	forward	Cragin
Arnold	center	Payne
Garrett	guard	King
Hunsicker	guard	Garrigues

Field goals—King, 6; Cragin, 3; Payne, 3; Yohn, 2; Arnold, Heilman, Miller, 1. Foul goals—Arnold, 7 out of 11; Yohn, 7 out of 10.

Haverford, 23; Delaware, 31

Haverford

Delaware

Arnold	forward	Jackson
Rhoads	forward	McKelvie
Chadwick	center	Williams
Garrett	guard	Cole
Hunsicker	guard	France

Field goals—Williams, 6; Garrett, 3; Jackson, 3; Arnold, 2; Hunsicker, 2; Cole, 2; McKelvis. Foul goals—Arnold, 9 out of 14; Jackson, 7 out of 14.

Haverford, 25; Susquehanna, 18

Haverford

Susquehanna

Arnold	forward	Sweeney
Rhoads	forward	Bolig
Chadwick	center	Rogawicz
Garrett	guard	Bowser
Hunsicker	guard	Thomas

Field goals—Rogawicz, 3; Chadwick, 2; Hunsicker, 2; Arnold, Garrett, Heilman, Sweeney, Thomas, 1. Foul goals—Arnold, 11 out of 17; Sweeney, 8 out of 14.

Haverford, 18; Franklin and Marshall, 30

Haverford

Franklin and Marshall

Arnold	forward	Yohn
Rhoads	forward ..	Cragin
Chadwick	center	Payne
Garrett	guard	King
Hunsicker	guard	Dean

Field goals—King, 4; Arnold, 3; Payne, 2; Cragin, 2; Miller, Heilman, Yohn, 1. Foul goals—Arnold, 8 out of 13; Yohn, 12 out of 16.

Haverford, 27; Swarthmore, 28

Haverford

Swarthmore

Arnold	forward	Shane
Rhoads	forward	Dotterer
Chadwick	center ..	Asplundh
Garrett	guard	Evans
Hunsicker	guard	Wood

Field goals—Shane, 3; Dotterer, 3; Garrett, 2; Arnold, Chadwick, Hunsicker, Wood, Asplundh, 1. Foul goals—Arnold, 17 out of 20; Shane, 12 out of 15. Substitutions—Haverford: Heilman for Rhoads. Swarthmore: Swope for Evans, Burr for Wood.

Track Department*Manager*

J. C. BORTON

Assistant Manager

H. J. HOGENAUER

Captain

R. G. ALLEN

Coach

A. W. HADDLETON

Wearers of the Track "H"

R. G. ALLEN, '23 (Captain)	R. M. THOMAS, '25
W. D. ROGERS, '25 (Capt.-elect)	L. E. CHADWICK, '25
W. W. BACON, '23	C. H. JOHNSON, '25
C. BEVAN STRAYER, '23	O. B. RHODES, '25
H. L. WILBUR, '23	P. L. SASSAMAN, '26
R. W. LEEDS, '24	B. H. LOWRY, '26
D. E. WILBUR, '24	V. A. LAMBERTI, '26
C. H. FRAZIER, '24	C. B. STRAYER, '23
S. B. HASTINGS, '24	W. H. HAND, '24
C. E. NASH, '24	H. MONTGOMERY, '25

Numerals

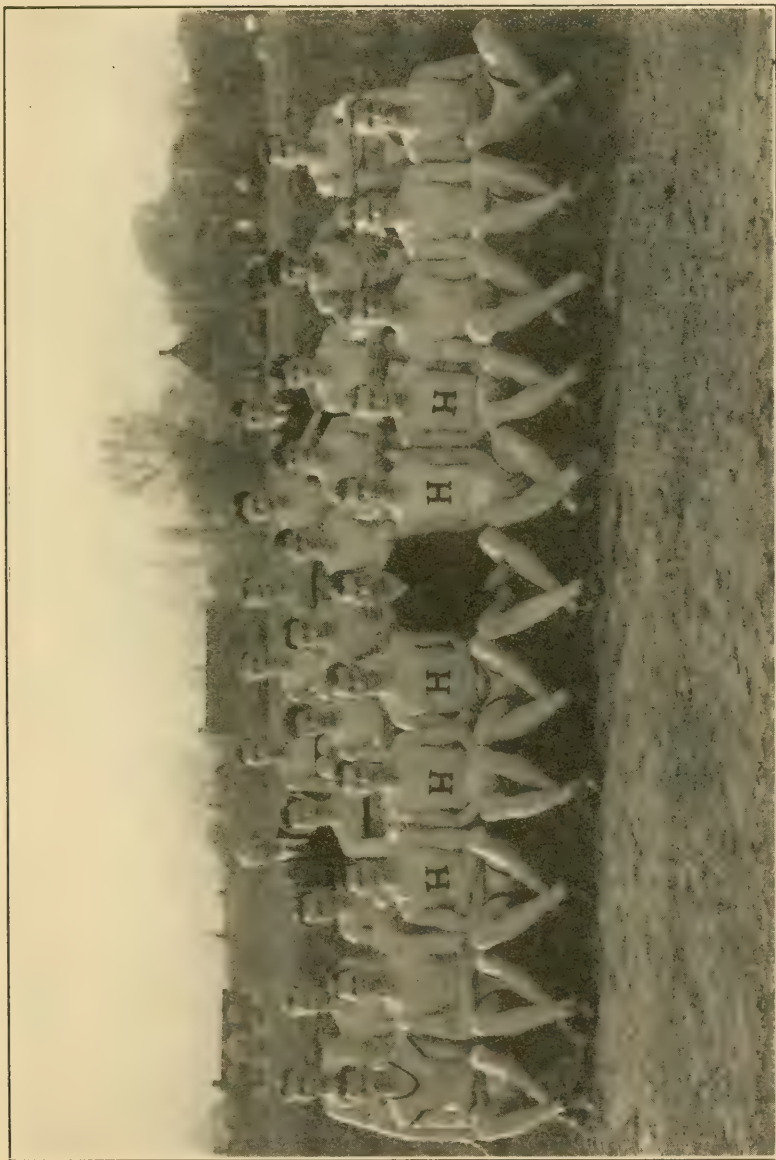
A. S. BUCK, '23	C. R. TATNALL, '26
C. M. BEIDEMAN, '24	W. R. JONES, '23
J. R. WATSON, '25	

Records Broken

*Javelin—172 feet 3 inches, H. L. Wilbur, '23

Discus—124 feet 4½ inches, R. M. Thomas, '25

*Not accepted on account of high wind.



HAVERFORD COLLEGE TRACK TEAM, 1922-23

Individual Point Totals

R. G. Allen...72	D. E. Wilbur...19	A. S. Buck..... 8
W. D. Rogers...54	C. E. Nash....18	C. R. Tatnall... 5½
R. M. Thomas...44	O. B. Rhoads...18	H. Montgomery 5
W. W. Bacon...28	C. H. Frazier...17	W. R. Sassaman 5
B. H. Lowry...25⅓	L. E. Chadwick 17	W. R. Jones... 4
V. A. Lamberti...22	R. W. Leeds...16	C. H. Greene... 3
P. L. Sassaman...21	C. M. Beideman 12	W. H. Hamilton 1
H. L. Wilbur...20	S. B. Hastings...10	O. C. Pitter.... 1
C. H. Johnson...20	W. H. Hand...10	M. Eshleman... ½
	J. R. Watson... 9	

Track Schedule

- April 21. Interclass Meet.
 April 28. Penn Relays.
 May 5. Stevens at Hoboken.
 May 8. Delaware at Haverford.
 May 11. Susquehanna at Haverford.
 May 18, 19. Middle Atlantic States Meet at Muhlenburg College, Allentown, Pa.
 May 22. Franklin and Marshall at Lancaster.
 May 25, 26. I. C. A. A. A. Championships at Penn Field.
 May 30. Swarthmore at Haverford.
 June 15, 16. National Collegiate Meet at Chicago.

Haverford College Relay Team

W. W. BACON, '23	O. B. RHOADS, '25
W. D. ROGERS, '25	C. H. JOHNSON, '25

Penn Relays

Haverford finished second to W. & J. in Class B of the Middle Atlantic States Conference group.

Haverford, 92 1-3; Stevens, 32 2-3**May 5, 1923**

- 100-YARD DASH—First, Allen (H); second, Silberstein (S); third, Leeds (H). Time, 10 3-5 sec.
- 440-YARD DASH—First, Martine (S); second, Bacon (H); third, Hildeman (S). Time, 52 3-5 sec.
- 120-YARD HIGH HURDLES—First, Lowry (H); second, Allen, (H). Time, 16 4-5 sec.
- ONE MILE RUN—First, Sassaman (H); second, Buck (H); third, Shafer (S). Time, 4 min. 48 2-5 sec.
- TWO-MILE RUN—First, Frazier (H); second, Hastings (H); third, Wehner (S). Time, 10 min. 45 2-5 sec.
- HALF-MILE RUN—First, Bacon (H); second, Johnson (H); third, Anderson (S). Time, 2 min. 9 1-5 sec.
- 220-YARD LOW HURDLES—First, Allen (H); second, Rogers (H). Time, 27 1-5 sec.
- 220-YARD DASH—First, Fluri (S); second, Leeds (H); third, Allen (H). Time, 23 4-5 sec.
- DISCUS THROW—First, Thomas (H); second, Steiner (S); third, Watson (H). Distance, 114 ft. 9½ in.
- JAVELIN THROW—First, H. Wilbur (H); second, Lamberti (H); third, Davis (S). Distance, 172 ft. 3 in.
- HIGH JUMP—First, Nash (H); second, Casselman (S); triple tie for third, Lowry (H), Gulliksen (S), and Murphy (S). Height 5 ft. 4 in.
- BROAD JUMP—First, Rogers (H); second, Martine (S); third, Lamberti (H). Distance, 21 ft. 4 in.
- SHOT PUT—First, D. Wilbur (H); second, Warren (S); third, Steiner (S). Distance, 36 ft. 1 in.
- POLE VAULT—Triple tie for first, Hand (H), Chadwick (H), and Thomas (H). Height, 9 ft. 6 in.

Haverford, 77; Delaware, 49**May 8, 1923**

- 100-YARD DASH—First, Pitman (D); second, Allen (H); third, Leeds (H). Time, 10 4-5 sec.

- ONE MILE RUN—First, P. Sassaman (H); second, Hoey (D); third, W. Sassaman (H). Time, 4 min. 52 4-5 sec.
- 120-YARD HIGH HURDLES—First, Allen (H); second, Lowry (H); third, France (D). Time, 16 4-5 sec.
- 220-YARD DASH—First, Pitman (D); second, Leeds (H); third, Weggeman (D). Time, 23 4-5 sec.
- HALF-MILE RUN—First, Bacon (H); second, Johnson (H); third, Lynch (D). Time, 2 min. 7 4-5 sec.
- 220-YARD LOW HURDLES—First, Rogers (H); second, Allen (H); third, France (D). Time, 27 3-5 sec.
- TWO-MILE RUN—First Frazier (H); second, Hoey (D); third, Hastings (H). Time, 10 min. 42 1-5 sec.
- 440-YARD DASH—First, Rhoads (H); second, Pitman (D); third, Rogers (H). Time, 53 1-5 sec.
- DISCUS THROW—First, Thomas (H); second, MacKelvie (D); third, W. Jackson (D). Distance, 120 ft. 10¾ in.
- SHOT PUT—First, MacKelvie (D); second, H. Wilbur (H); third, Deputy (D). Distance, 35 ft. 9½ in.
- BROAD JUMP—First, Rogers (H); second, Beideman (H); third, Elliott (D). Distance, 21 ft.
- HIGH JUMP—First, Baxter (D); second, Nash (H); third, France (D). Height, 5 ft. 7½ in.
- POLE VAULT—First, Jackson (D); triple tie for second, Hand (H), Chadwick (H), Thomas (H). Height, 10 ft.
- JAVELIN THROW—First, H. Wilbur (H); second, MacKelvie (D); third, Lamberti (H). Distance, 153 ft. 2½ in.

Haverford, 110; Susquehanna, 7

May 11, 1923

- 100-YARD DASH—First, Allen (H); second, Leeds (H); third, Adams (S). Time, 10 4-5 sec.
- HALF-MILE RUN—First, Johnson (H); second, Bacon (H); third, Jones (H). Time, 2 min. 6 3-5 sec.
- 120-YARD HIGH HURDLES—First, Allen (H); second, Lowry (H); third, Klinedinst (S). Time, 16 3-5 sec.
- 220-YARD LOW HURDLES—First, Allen (H); second, Rogers (H); third, Brown (B). Time, 27 1-5 sec.

- 220-YARD DASH—First, Leeds (H); second, Rhoads (H); third, Klinedinst (S). Time, 24 4-5 sec.
- ONE MILE RUN—First, P. Sassaman (H); second, Lubold (S); third, Frazier (H). Time, 4 min. 50 sec.
- 440-YARD DASH—First, Rhoads (H); second, Jones (H); third, Rogers (H). Time, 53 3-5 sec.
- SHOT PUT—First, D. Wilbur (H); second, Greene (H); third, Lamberti (H). Distance, 34 ft. 8½ in.
- DISCUS THROW—First, Thomas (H); second, Watson (H); third, Hamilton (H). Distance, 124 ft. 4½ in.
- JAVELIN THROW—First, H. Wilbur (H); second, Lamberti (H); third, Watson (H). Distance, 153 ft. ½ in.
- POLE VAULT—Triple tie for first, Hand (H), Chadwick (H), and Thomas (H). Height, 10 ft.
- BROAD JUMP—First, Rogers (H); second, Beideman (H); third, Lamberti (H). Distance, 20 ft. 10½ in.
- HIGH JUMP—First, Tatnall (H); second, Lowry (H); third, Nash (H). Height, 5 ft. 1 in.

Haverford, 96 1-2; Franklin and Marshall, 29 1-2

May 22, 1923

- 100-YARD DASH—First, Collins (F & M); second, Rogers (H); third, Sweigert (F & M). Time, 10 3-5 sec.
- 120-YARD HIGH HURDLES—First, Lowry (H); second, Allen (H); third, Hauck (F & M). Time, 17 1-5 sec.
- ONE MILE RUN—First, Buck (H); second, W. Sassaman (H); third, P. Sassaman (H). Time, 4 min. 56 2-5 sec.
- 440-YARD DASH—First, Collins (F & M); second, Bacon (H); third, Rhoads (H). Time, 52 3-5 sec.
- TWO-MILE RUN—First, Hastings (H); second, Frazier (H); third, Stauffer (F & M). Time, 10 min. 32 2-5 sec.
- 220-YARD LOW HURDLES—First, Rogers (H); second, Hauck (F & M); tie for third, Eshleman (H), and Amelia (F & M). Time, 26 2-5 sec.
- HALF-MILE RUN—First, Johnson (H); second, Bacon (H); third, Murphy (F & M). Time, 2 min. 9 2-5 sec.

- 220-YARD DASH—First, Rogers (H) ; second, Collins (F & M) ; third, Allen (H). Time, 23 1-5 sec.
- SHOT PUT—First, Lamberti (H) ; second, D. Wilbur (H) ; third, Amelia (F & M). Distance, 34 ft. 1¼ in.
- DISCUS THROW—First, Thomas (H) ; second, De Haven (F & M) ; third, Watson (H). Distance, 118 ft. 2 in.
- JAVELIN THROW—First, H. Wilbur (H) ; second, Lamberti (F & M) ; third, Childs (F & M). Distance, 148 ft. 8 in.
- POLE VAULT—First, Chadwick (H) ; second, Hand (H) ; third, Thomas (H). Height, 10 ft. 6 in.
- BROAD JUMP—First, Rogers (H) ; second, Beideman (H) ; third, Brennehan (F & M). Distance, 20 ft. 7¾ in.
- HIGH JUMP—First, Nash (H) ; second, Rothermel (F & M) ; third, Pitter (H). Height, 5 ft. 7 in.

Haverford, 73½ ; Swarthmore, 48½

May 30, 1923

- 100-YARD DASH—First, Thoenen (S) ; second, Allen (H). Time, 10 1-5 sec.
- ONE MILE RUN—First, P. Sassaman (H) ; second, Brunner (S) ; third, W. Sassaman (H). Time, 4 min. 38 1-5 sec.
- 120-YARD HIGH HURDLES—First, Allen (H) ; second, Lowry (H). Time, 16 1-5 sec.
- 440-YARD DASH—First, Spackman (S) ; second, Rumble (S) ; third, Rhoads (H). Time, 51 sec.
- TWO-MILE RUN—First, Shaw (S) ; second, Frazier (H) ; third, Hastings (H). Time, 10 min. 21 sec.
- 220-YARD LOW HURDLES—First, Allen (H) ; second, Lowry (H). Time, 25 3-5 sec.
- HALF-MILE RUN—First, Hemmerly (S) ; second, Bacon (H) ; third, Johnson (H). Time, 2 min. 1 1-5 sec.
- 220-YARD DASH—First, Thoenen (S) ; second, Spackman (S). Time, 22 2-5 sec.
- SHOT PUT—First, Wilcox (S) ; second, D. Wilbur (H) ; third, Asplundh (S). Distance, 37 ft. 2 in.
- HIGH JUMP—Tie for first, Nash (H), and Blair (S) ; tie for third, Tatnall (H), and Humpton (S). Height, 5 ft. 6 in.

JAVELIN THROW—First, Montgomery (H); second, Lamberti (H); third, Asplundh (S). Distance, 161 ft. 3¾ in.

BROAD JUMP—First, Rogers (H); second, Beideman (H); third, Lamberti (H). Distance, 20 ft. 2½ in.

DISCUS THROW—First, Thomas (H); second, Watson (H); third, Wilcox (S). Distance, 121 ft. 4½ in.

POLE VAULT—First, Chadwick (H); tie for second, Thomas (H), and Martin (S). Height, 10 ft. 6 in.

Walton Prize Cup, 1923

Russel G. Allen, '23, with a total of 82 points, including the 10 points scored in the Interclass Meet, which count toward the cup.

The Walton Prize Cup

Presented by Mr. Ernest F. Walton, of the Class of 1890, for the encouragement of individual athletic work, and to be awarded annually to the student who wins the highest total of points in athletic competition during the college year, and subject to the following conditions:

1. The athletic events accepted shall be those of the annual interclass athletic meeting, the sophomore-freshman athletic sports, the Pennsylvania relay carnival, the annual Princeton handicap games, and the I. C. A. A. A. A. meeting. Additional events may be accepted at the discretion of the committee of award. (Dual college meets now included.)

2. See Art. VIII, Sec. 4, of A. A. Constitution for revised value of points.

3. The athletic sub-committee of the general advisory athletic committee of the alumni and students shall constitute the committee of award.

4. The winner of the Cup shall hold the same for one year and his name with total points won shall be inscribed upon it.

5. The Cup shall be returned to the athletic director immediately after the Intercollegiate Meeting (I. C. A. A. A. A.), and shall be re-awarded within the two weeks following the same meeting.

6. The conditions above outlined may be modified at the unanimous wish of the joint student and alumni committee, with the consent of the donor.

Holders of the Walton Prize Cup

<i>Year</i>	<i>Name</i>	<i>Class</i>	<i>Avept.</i>
1901—	J. W. REEDER	'02	23
1902—	J. W. Reeder	'02	53½
1903—	T. K. BROWN, JR.	'06	42
1904—	T. K. BROWN, JR.	'06	45
1905—	T. K. BROWN, JR.	'06	58½
1906—	T. K. BROWN, JR.	'06	77
1907—	WALTER PALMER	'10	62
1908—	WALTER PALMER	'10	66
1909—	G. S. BARD	'09	55½
1910—	WALTER PALMER	'10	60
1911—	F. M. FROELICHER	'13	67½
1912—	F. M. FROELICHER	'13	66½
1913—	F. M. FROELICHER	'13	66½
1914—	E. M. JONES	'14	73
1915—	W. L. MARTWICK	'16	51
1916—	J. A. HISEY	'18	47½
1919—	J. A. HISEY	'19	68
1920—	FRANCIS SILVER	'20	24
1921—	J. A. HISEY	'21	30½
1922—	RUSSEL G. ALLEN, JR.	'23	60
1923—	RUSSEL G. ALLEN, JR.	'23	82

Class 1926 Track Squad

PAUL L. SASSAMAN, *Captain* J. HOWARD MARSHALL, II, *Manager*
A. W. HADDLETON, *Coach*

* Indoor Contests

Date	Pts.	Pts.
Feb. 13. Haverford, 1926.	35½	Haverford, 1925 35
Feb. 24. Haverford, 1926.	44	Episcopal Academy ... 9
Mar. 3. Haverford, 1926.	39½	Haverford School ... 24½
Mar. 17. Haverford, 1926.	46 1/6	Lower Merion H. S. ... 24 5/6

* Outdoor Contests

Date	Pts.	Pts.
Apr. 18. Haverford, 1926.	82	Lansdowne H. S. 26
May 15. Haverford, 1926.	54	George School 54
May 17. Haverford, 1926.	48½	Penn Charter School.. 50½
June 1. Haverford, 1926.	49	Westtown School 31

*Held at Haverford.

SUMMARY OF POINTS MADE BY 1926
TRACK SQUAD

Names	1926 vs. 1925.	Episcopal Academy.	Haverford School.	Lower Merion H. S.	Lansdowne H. S.	George School.	Penn Charter School.	Westtown School.	Total points.
Ale.....			1 ¹						1 ¹ ₄
Busselle.....		1							1
Calkin.....		3		3	4	1	1		12
Campbell.....			1 ¹ ₄		1				2 ¹ ₄
Carman.....					1		1		2
Evans.....					3	1			4
Green.....		3	¹ ₂		3	1		1	8 ¹ ₂
Haines, R. L.....				¹ ₂		1			1 ¹ ₂
Hannum.....			1 ¹ ₄	1					2 ¹ ₄
Jackson.....			1						1
Joly.....				3	5		1		9
Lamberti.....	15	10	9	15	16	8	6	10	89
Leeds.....			1 ¹ ₂	¹ ₃				1	2 ⁷ ₁₂
Lowry.....	5	7	1	8	8	10	14 ¹ ₂	13	66 ¹ ₃
Nock.....	4		7 ¹ ₄	1	1	1	1	4	19 ¹ ₄
Pitter.....	5	5	1 ¹ ₄	5	17	8	6 ⁵ ₆	12	50 ¹ ₁₂
Richie.....		5	4 ¹ ₄		7		3		19 ¹ ₄
Roedleheim.....						3	3		6
Sassaman, Capt.....		2	1 ¹ ₄	5	8	13	10	5	44 ¹ ₄
Tatnall.....	6	8	9	4 ¹ ₂	8	7	1	3	46 ² ₃
Total, 1926.....	35	44	39	46 ¹ ₆	82	54	48	49	398 ¹ ₆
Opponents.....	35	9	24 ¹ ₂	24 ⁵ ₆	26	54	50 ¹ ₂	31	254 ⁵ ₈

College Athletic Records

<i>Event</i>	<i>Time or distance</i>	<i>Holder</i>	<i>Date</i>
100-Yard Dash....	10 sec.....	E. M. Jones, '14.....	1914
220-Yard Dash....	22 1/5 sec.....	E. M. Jones, '14.....	1914
440-Yard Dash....	50 1/5 sec.....	W. Palmer, '10.....	1910
Half-Mile Run....	2 min. 3 4/5 sec...	E. C. Tatnall, '07.....	1905
One-Mile Run....	4 min. 35 sec.....	P. J. Baker, '10.....	1907
Two-Mile Run....	10 min 15 1/5 sec.	D. Clement, '17.....	1916
High Hurdles....	15 4/5 sec.....	T. K. Brown, Jr., '06..	1905
Low Hurdles....	25 1/5 sec.....	W. L. Martwick, '16..	1915
Broad Jump.....	21 ft. 8 in.....	F. M. Froelicher, '13..	1912
High Jump.....	6 ft. 1 in.....	E. B. Conklin, '99.....	1899
Shot Put.....	41 ft. 8½ in.....	F. M. Froelicher, '13..	1912
Hammer Throw..	123 ft. 6 in.....	H. W. Jones, '05.....	1905
Discus	124 ft. 4½ in.....	R. M. Thomas, '25....	1923
Pole Vault.....	11 ft. 2 in.....	P. Hunter, '16.....	1916
Javelin	169 ft. 1 in.....	Hugh Montgomery, '25.	1922

Middle Atlantic States Conference Meet

Allentown, May 18, 19, 1923

Johns Hopkins first, Lafayette second. Haverford finished seventh in a field of fifteen colleges, with a total of 8 points. Allen was second in the 120-yard high hurdles and third in the 220-yard low hurdles, and Thomas took second place in the discus.

Interclass Meet

April 21st

Sophomores 38, Seniors 34, Juniors 29, Freshmen, 25.



Haverford College Cricket Team, 1922-23

Cricket Department*Manager*

M. C. MORRIS, JR., '23

Assistant Manager

W. N. WEST, 3RD, '24

Captain

T. M. LOGAN, '23

Coach

J. PACEY

Cricket Team

T. M. LOGAN, '23 (Captain)

J. F. BLAIR, '24

H. COMFORT, '24

G. P. HARNWELL, '24

F. F. MULLER, '24

T. C. GARRETT, '25

E. L. GORDY, '25

D. A. BAKER, '26

J. A. SILVER, '25

M. C. HAINES, '26

W. P. STOKES, '25

O. C. PITTER, '26

Schedule

Date		H.	Opp.
Apr. 28.	Ardmore C. C. (home).....	Rain	81
May 5.	Philadelphia C. C. (St. Martin's).....	177	60
May 9.	Wanderers C. C.	Cancelled	
May 11.	University of Pennsylvania (home)....	85	77
May 16.	Frankford C. C. (home).....	37	12
May 19.	University of Pennsylvania (home)....	161	44
May 23.	West Indian C. C. of Phila. (home)....	73	112
May 26.	Germantown C. C. (at Manheim).....	83	142
May 30.	Wanderers C. C. (home).....	69	54
June 2.	Merion C. C. (home).		
June 9.	Centennial C. C. (home).		
June 14.	Bermuda A. A.		
June 15.	Alumni.		

Haverford, 177; Philadelphia, 60

May 5, 1923

Haverford

FIRST INNINGS

H. Comfort, c., b. Wooley	17
Silver, c., b. Norris	0
T. Garrett, not out	65
Logan, not out	87
Blair, no bat	—
Pitter, no bat	—
Harnwell, no bat	—
Haines, no bat	—
Gordy, no bat	—
Muller, no bat	—
Baker, no bat	—
Extras	8
Total	177

Philadelphia

FIRST INNINGS

Taylor, b. Pitter	7
Heberton, c. Silver, b. Pitter	8
Graham, b. Pitter	4
Wooley, c. Harnwell, b. Logan	10
Robinson, b. Pitter	9
Hopkinson, b. Pitter	1
Kurtz, b. Pitter	0
Norris, not out	4
Fellows, c., b. Logan	6
Oglesby, b. Pitter	4
Extras	7
Total	60

BOWLING ANALYSIS

	R.	W.	Ave.
Logan	33	2	16.5
Pitter	27	7	3.8

Haverford, 85; University of Pennsylvania, 77

May 11, 1923

Haverford

FIRST INNINGS

Comfort, b. Seward	7
Silver, not out	25
Logan, c., b. Seward	28
Blair, b. Seward	0
Pitter, b. Bester	10
Harnwell, b. Seward	2
Haines, c. Felix, b. Lorimer	7
Muller, c. Lorimer, b. Seward	0
Gordy, not out	1
Baker, no bat	—
Stokes, no bat	—
Extras	5
Total	85

University of Pennsylvania

FIRST INNINGS

Aris, b. Pitter	4
Seward, b. Pitter	12
Bester, b. Pitter	5
Wilson, c., b. Logan	0
Felix, b. Pitter	1
Lorimer, not out	29
Hillman, c. Silver, b. Pitter	0
McElroy, b. Pitter	14
Mikell, c. Haines, b. Logan	0

Wolk, b. Logan	0
Goff, b. Logan	9
Extras	3
<hr/>	
Total	77

BOWLING ANALYSIS

	R.	W.	Ave.
Logan	38	4	9.5
Pitter	39	6	6.5

Haverford, 37; Frankford, 12

May 16, 1923

Haverford

FIRST INNINGS

Comfort, b. Tattersal	1
Silver, b. Dugdale	1
Logan, b. Dugdale	13
Blair, c. Pittman, b. Tattersal	2
P. Garrett, b. Dugdale	0
Pitter, b. Dugdale	8
Harnwell, b. Tattersal	0
Muller, b. Tattersal	0
Gordy, c. Saddington, b. Tattersal	5
Baker, c. Darrin, b. Tattersal	3
Stokes, b. Dugdale	4
<hr/>	
Total	37

Frankford

FIRST INNINGS

Dugdale, c. Silver, b. Logan	0
Tattersal, b. Pitter	1
Benson, b. Logan	0
Hole, b. Logan	0

HAVERFORD COLLEGE

79

Currie, b. Logan	1
Darrin, c. Pitter, b. Logan	0
Pittman, b. Logan	0
Stifler, run out	0
Saddington, not out	3
Smith, b. Logan	0
Leeds, b. Logan	6
Extras	1
<hr/>	
Total	12

BOWLING ANALYSIS

	R.	W.	Ave.
Logan	7	8	8
Pitter	4	1	4.0

Haverford, 161; University of Pennsylvania, 44

May 19, 1923

Haverford

FIRST INNINGS

Comfort, run out	17
Silver, b. Bester	8
Logan, c. Goff, b. Lorimer	48
Blair, c. Garrett, b. Seward	2
P. Garrett, no bat	—
Pitter, b. Seward	13
Harnwell, l. b. w., b. Lyons	11
Muller, b. Bester	15
Gordy, run out	18
Baker, run out	1
Stokes, not out	12
Extras	16
<hr/>	
Total	161

University of Pennsylvania

FIRST INNINGS

Aris, c. Harnwell, b. Logan	11
Seward, b. Pitter	9
Wilson, c. Pitter, b. Logan	9
Bester, b. Pitter	3
Lyons, b. Pitter	2
Lorimer, c. Silver, b. Logan	1
Goff, b. Logan	0
Hillman, b. Pitter	1
Feliz, b. Logan	0
Wolk, no bat	—
Extras	8
<hr/>	
Total	44

BOWLING ANALYSIS

	R.	W.	Ave.
Logan	22	5	4.4
Pitter	18	4	4.5

Haverford, 73; West Indian A. A. of Phila., 112

May 23, 1923

West Indian A. A. of Phila.

FIRST INNINGS

Fitzpatrick, b. Pitter	4
Dash, c. Harnwell, b. Logan	4
Burton, b. Logan	18
G. Chase, b. Pitter	17
Hope, b. Logan	10
Cadagen, c. Muller, b. Gordy	33
Claffey, b. Pitter	18
Gordon, b. Pitter	4
A. Chase, b. Logan	2

HAVERFORD COLLEGE

81

Jackson, b. Logan	0
Brandon, not out	0
Extras	2
<hr/>	
Total	112

Haverford

FIRST INNINGS

Comfort, c., b. Dash	10
Silver, b. Chase, A.	6
Logan, b. Jackson	1
Blair, b. Jackson	0
T. Garrett, l. b. w., b. Burton	23
Pitter, c. Brandon, b. Burton	8
Harnwell, b. Chase, A.	4
Muller, b. Chase, A.	0
Gordy, not out	1
Baker, c. Hope, b. Chase, A.	0
Stokes, b. Chase, A.	10
Extras	10
<hr/>	
Total	73

BOWLING ANALYSIS

	R.	W.	Ave.
Logan	62	5	12.4
Pitter	44	4	11
Gordy	4	1	4

Haverford, 83; Germantown, 142

May 26, 1923

Germantown

FIRST INNINGS

Maxwell, b. Logan	26
Cupit, c. Comfort, b. Pitter	29
O'Neill, retired	43

Savage, b. Logan	2
Mann, c. Harnwell, b. Logan	0
Priestman, b. Pitter	27
Sharpless, c. Stokes, b. Logan	0
McCleary, b. Logan	5
Rodman, not out	0
Sexton, b. Logan	0
Cupit, no bat	—
Extras	10
Total	142

Haverford

FIRST INNINGS

Comfort, c. Priestman, b. O'Neill	35
Silver, c. Cupit, b. Mann	10
Logan, c. Maxwell, b. O'Neill	18
Blair, run out	0
P. Garrett, l. b. w., b. O'Neill	0
Pitter, c. Mann, b. Savage	4
Harnwell, b. Mann	8
Muller, c., b. O'Neill	2
Gordy, b. O'Neill	0
Baker, b. Mann	0
Stokes, not out	2
Extras	4
Total	83

BOWLING ANALYSIS

	R.	W.	Ave.
Logan	66	6	11
Pitter	48	2	24
Comfort	12	—	—
Gordy	6	—	—

Haverford, 69; Wanderers, 54

May 30, 1923

Haverford

FIRST INNINGS

Comfort, c. Wendell, b. Allison	2
Silver, c. Edwards, b. Allison	4
Logan, b. Wood	2
Garrett, b. Wood	6
Blair, st. Wistar	20
Pitter, c. Wistar, b. Allison	0
Stokes, b. Allison	6
Harnwell, c. Edwards, b. Allison	1
Baker, st. Wistar	11
Muller, c. Palmer, b. Dugdale	0
Harvey, not out	6
Gordy, no bat	—
Extras	11
<hr/>	
Total	69

Wanderers

FIRST INNINGS

Wistar, run out	10
Allison, b. Pitter	4
Wood, run out	5
Tattersal, b. Logan	0
Wendell, b. Pitter	6
Grinditch, c. Silver, b. Logan	14
Edwards, run out	1
Dugdale, c. Muller, b. Logan	12
Hole, b. Pitter	0
Palmer, b. Logan	0
Coupe, not out	0
Extras	2
<hr/>	
Total	54

BOWLING ANALYSIS

	R.	W.	Ave.
Logan	33	4	8.2
Pitter	19	3	6.3

Háverford, 92 ; Centennial C. C., 59

June 9, 1923

Haverford

FIRST INNINGS

Comfort, b. Brigham	21
Silver, b. Brigham	22
Garrett, not out	11
Logan, b. Brigham	0
Blair, c. Briggs, b. Redman	2
Pitter, b. Redman	4
Haines, b. Redman	0
Harnwell, b. Wiles	11
Gordy, l. b. w., b. Wiles	4
Baker, run out, b. Hampson	5
Stokes, c. Wiles, b. Wiles	0
Extras	12
Total	92

Centennial C. C.

FIRST INNINGS

White, b. Logan	0
Hartley, b. Pitter	1
Wiles, c. Garrett, b. Logan	5
Lees, c. Pitter, b. Logan	3
Brigham, c. Silver, b. Logan	4
Briggs, c. Silver, b. Logan	37
Redman, b. Pitter	5
Hey, b. Logan	1
Bager, b. Pitter	0

Moore, c. Logan, b. Logan	0
Hampson, not out	1
Extras	2
Total	59

Schedule of Canadian Trip of Haverford College Cricket Team

June 18-29, 1923

June 18.	McGill C. C.	
June 19.	McGill C. C.	
	Two-day game	Montreal
June 20.	Westmount	Montreal
June 21.	Ottawa Valley Council	Ottawa
June 22.	Ottawa Valley Council	Ottawa
June 23.	Ridley College	St. Catherines
June 25.	Toronto C. C., Varsity Campus	Toronto
June 27.	Oakville C. C.	Oakville
June 28.	Rosedale C. C.	Toronto

Cope Prize Bat

<i>Year</i>	<i>Name</i>	<i>Class</i>	<i>Aver.</i>
1877—	E. T. COMFORT	'78	18.83
1878—	E. T. COMFORT	'78	10.03
1879—	SAMUEL MASON	'80	14.
1880—	SAMUEL MASON	'80	17.57
1881—	T. N. WINSLOW	'81	12.5
1882—	G. B. SHOEMAKER	'83	9.6
1883—	W. F. PRICE	'81	11.88
1884—	SAMUEL BETTLE	'85	17.25
1885—	SAMUEL BETTLE	'85	23.
1886—	G. S. PATTERSON	'88	32.8
1887—	A. G. GARRETT	'87	35.66
1888—	T. E. HILLES	'88	9.6
1889—	R. L. MARTIN	'92	13.
1890—	C. H. BURR, JR.	'89	19.14
1891—	J. W. MUIR	'92	38.5
1892—	J. W. MUIR	'92	26.25
1893—	J. A. LESTER	'96	100.5
1894—	J. A. LESTER	'96	62.2
1895—	J. A. LESTER	'96	49.83
1896—	J. A. LESTER	'96	41.1
1897—	C. G. TATNALL	'97	9.85
1898—	T. WISTAR	'98	21.75
1899—	F. C. SHARPLESS	'00	26.
1900—	F. C. SHARPLESS	'04	21.89
1901—	C. C. MORRIS	'04	21.89
1902—	C. C. MORRIS	'04	35.29
1903—	C. C. MORRIS	'04	31.29
1904—	W. P. BONBRIGHT	'04	31.29
1905—	R. L. PEARSON	'05	37.
1906—	A. T. LOWRY	'05	25.8
1907—	A. W. HUTTON	'10	31.6
1908—	A. W. HUTTON	'10	19.5
1909—	H. A. FURNESS	'10	47.4
1910—	H. A. FURNESS	'10	66.
1911—	H. G. TAYLOR, JR.	'11	28.33

<i>Year</i>	<i>Name</i>	<i>Class</i>	<i>Aver.</i>
1912—	L. V. THOMAS	'14	21.3
1913—	S. E. STOKES	'14	24.55
1914—	S. E. STOKES	'14	45.8
1915—	J. M. CROSMAN	'18	27.7
1916—	J. M. CROSMAN	'18	—
1917—	Not Awarded.		
1918—	J. D. BARLOW	'19	26.2
1919—	J. M. CROSMAN	'18	44.4
1920—	A. M. ABELE	'21	31.
1921—	J. E. ROGERS	'21	—
1922—	C. M. SNADER	'22	—
1923—			

Congdon Prize Ball

1877—	J. M. W. THOMAS	'78	1.11
1878—	E. T. COMFORT	'78	6.47
1879—	W. C. LOWRY	'79	5.81
1880—	B. V. THOMAS	'83	5.78
1881—	W. L. BAILY	'83	5.31
1882—	A. C. CRAIG	'84	4.30
1883—	W. L. BAILY	'83	8.00
1885—	W. F. HILLES	'85	4.50
1886—	A. C. GARRETT	'87	8.25
1887—	J. W. SHARPE, JR.	'88	7.68
1888—	H. P. BAILY	'90	5.47
1889—	H. P. BAILY	'90	5.86
1890—	H. P. BAILY	'90	6.50
1891—	D. H. BLAIR	'91	17.50
1892—	JOHN ROBERTS	'93	7.33
1893—	JOHN ROBERTS	'93	7.90
1894—	A. P. MORRIS	'95	5.97
1895—	A. P. MORRIS	'95	6.46
1896—	J. A. LESTER	'96	6.19
1897—	R. S. WENDELL	'00	8.25
1898—	L. W. DEMOTTE	'01	5.22
1899—	W. S. HINCHMAN	'00	9.40
1900—	L. W. DEMOTTE	'01	6.

1901—L. W. DEMOTTE	'01	8.13
1902—N. A. SCOTT	'02	10.92
1903—H. PLEASANTS, JR.	'06	7.49
1904—F. D. GODLEY	'07	4.83
1905—H. PLEASANTS, JR.	'06	7.47
1906—F. D. GODLEY	'07	8.47
1907—J. B. CLEMENT, JR.	'08	8.2
1908—J. C. THOMAS	'08	7.46
1909—H. HOWSON	'12	8.66
1910—L. R. THOMAS	'13	7.1
1911—W. D. HARTSHORNE, JR.	'11	9.4
1912—J. K. GARRIGUES	'14	10.45
1913—W. C. BRINTON	'15	12.2
1914—W. C. BRINTON	'15	8.6
1915—W. C. BRINTON	'15	10.2
1916—A. D. OLIVER	'19	8.6
1917—Not Awarded.		
1918—E. H. THORPE	'19	9.6
1919—E. H. THORPE	'19	8.5
1920—S. N. EWAN, JR.	'21	10.8
1921—S. N. EWAN, JR.	'21	7.3
1922—T. M. LOGAN	'23	—
1923—		

Haines Prize Fielding Belt

1876—C. S. CROSMAN.....	'78	1888—C. H. BURR, JR.....	'89
1877—A. L. BAILY.....	'78	1889—J. S. STOKES.....	'86
1878—J. E. SHEPPARD.....	'79	1890—J. W. MUIR.....	'90
1879—A. P. CORBITT.....	'80	1891—G. THOMAS, 3D.....	'91
1880—W. F. PRICE.....	'81	1892—S. W. MORRIS.....	'94
1881—B. V. THOMAS.....	'83	1893—W. W. SUPPLEE.....	'95
1882—S. B. SHOEMAKER....	'83	1894—F. P. RISTINE.....	'94
1883—W. L. BAILY.....	'83	1895—J. H. SCATTERGOOD...	'96
1884—W. S. HILLES.....	'85	1896—A. G. SCATTERGOOD...	'98
1885—W. F. PRICE.....	'81	1897—A. G. SCATTERGOOD...	'98
1886—J. W. SHARY, JR.....	'88	1898—A. G. SCATTERGOOD...	'98
1887—H. P. BAILY.....	'90	1899—W. S. HINCHMAN....	'00

1900—W. V. DENNIS.....'02	1911—H. M. THOMAS, JR...'12
1901—C. C. MORRIS.....'04	1912—H. W. SECKLE.....'14
1902—A. C. WOOD, JR.....'02	1913—S. E. STOKES.....'14
1903—J. B. DRINKER.....'03	1914—H. S. MILLER.....'14
1904—H. H. MORRIS.....'04	1915—J. E. SHIPLEY.....'16
1905—A. T. LOWRY.....'06	1916—J. E. SHIPLEY.....'16
1906—H. W. DOUGHTEN, JR.'06	1917—Not awarded.
1907—J. P. MAGILL.....'07	1918—.....
1908—E. A. EDWARDS.....'08	1919—G. E. TOOGOOD.....'20
1909—H. A. FURNESS.....'10	1920—C. A. OSLER.....'20
1910—H. A. FURNESS.....'10	1921—J. J. BABB.....'21
1922—E. B. GRAVES.....'21	

<i>Year</i>	<i>Name</i>	<i>Class</i>	<i>Aver.</i>
1922—	C. M. SNADER	'22	—
DORIAN AND C. R. HINCHMAN PRIZE BAT.....C. M. SNADER, '22			

Tennis Department

	H.	Opp.
April 28. Delaware (home)	6	0
May 5. Stephens (away)	0	6
May 11. Osteopathy (home)	1	5
May 19. New York Univ. (home)	5	2
May 26. Swarthmore (home)	3	3
May 30. Wesleyan (home)	2	4

Manager

H. W. CARPENTER, '23

Captain

EDW. FOULKE, '24

Assistant Managers

J. F. REICH

JOHN FISHER

Team

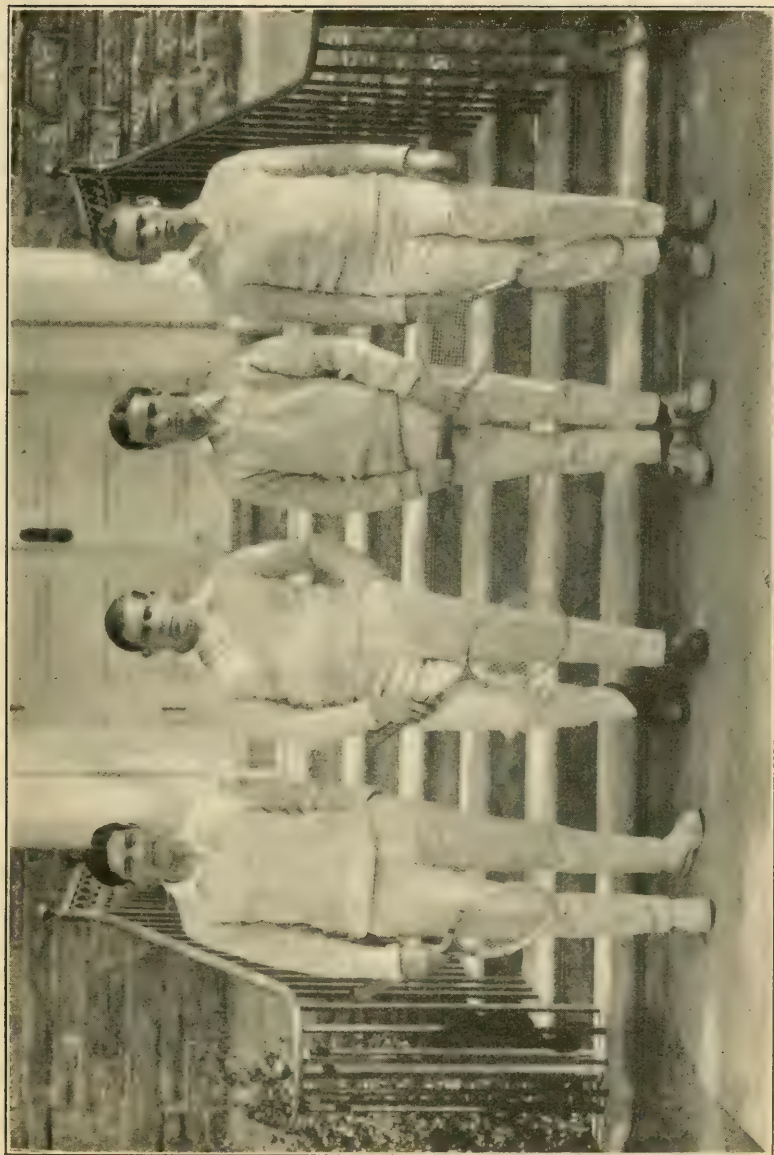
F. WARRINER, '23

E. FOULKE, '24

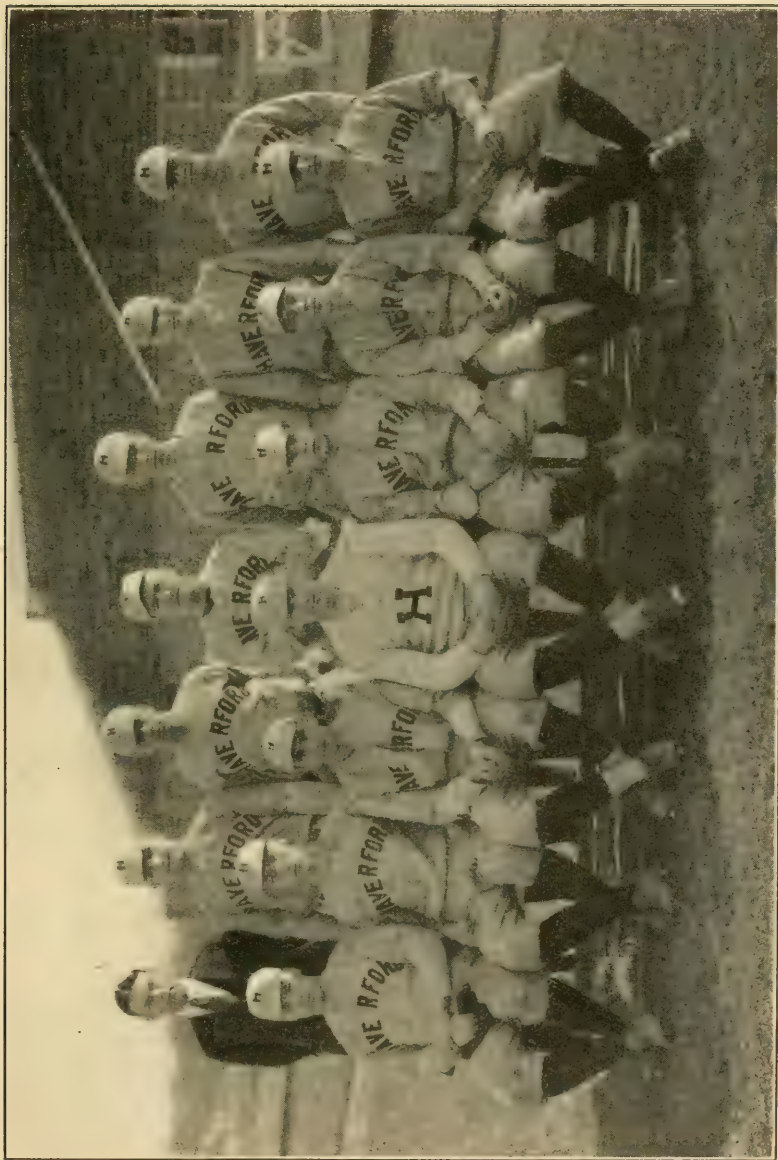
G. HOWGATE, '24

P. JOHNSON, '25

H. MARSHALL, '26



Haverford College Tennis Team, 1922-23



HAVERFORD COLLEGE BASE BALL TEAM, 1922-23

Baseball Department

Manager

J. B. STEVENSON, '23

Assistant Manager

C. H. FRAZIER, JR., '24

Captain

H. T. BROWN, JR., '23

Coach

THOS. MACNAMARA

Team

BROWN	Pitcher
KNOWLTON	Catcher
BILLO	First Base
WILLEY	Second Base
HUNSICKER	Third Base
YERKES	Shortstop
ARNOLD	Left Field
LEWIS	Center Field
LONGSTRETH	Right Field
HOLLINGSHEAD	Pitcher
ROEDEL	Left Field
WHITE	Right Field
GILMOUR	Second Base
STRAWBRIDGE	Center Field

Schedule

- Apr. 11. Drexel at Haverford.
- Apr. 14. Osteopathy at Haverford.
- Apr. 21. Franklin and Marshall at Lancaster.
- Apr. 28. Washington at Chestertown.
- May 3. St. Joseph's at Haverford.
- May 5. Susquehanna at Selinsgrove.
- May 9. Osteopathy at Haverford.
- May 12. Ursinus at Collegeville.
- May 19. Pennsylvania Military College at Haverford.

May 26. Swarthmore at Swarthmore.

June 2. Franklin and Marshall at Haverford.

June 9. Delaware at Newark.

Haverford, 7; Drexel, 11

April 11, 1923

Drexel

	ab	r	h	o	a	e
Weinberger, ss	5	1	1	1	2	4
Mateer, 2b	6	1	0	0	0	0
Sasek, lf	6	3	3	0	0	0
McQuillan, p	6	2	4	0	6	0
Hagan, 1b	4	1	2	10	1	0
Lukin, c	5	0	0	12	2	1
Siddel, cf	3	0	0	1	0	0
Jones, 3b	5	1	2	3	1	0
Pla, rf	5	2	1	0	0	0
	—	—	—	—	—	—
Totals	45	11	13	27	12	5

Haverford

	ab	r	h	o	a	e
Hunsicker, lf	5	3	2	1	0	0
Yerkes, ss	4	1	1	2	3	1
Brown, 2b, 3b	5	0	1	4	0	1
Knowlton, c	5	0	2	7	2	1
Billo, cf	5	1	2	2	0	0
Heilman, rf, 2b	1	1	0	1	0	1
Gilmour, 2b	1	0	0	1	0	0
Willey, 3b	2	0	1	0	1	2
White, rf	1	0	0	0	1	1
Lewis, rf	1	0	0	0	0	0
Arnold, 1b	2	0	0	8	0	0
Longstreth, p	1	0	0	1	1	0
Hollingshead, p	4	1	0	0	2	1
	—	—	—	—	—	—
Totals	37	7	9	27	10	8

Two-base hits—Knowlton, 2; Billo, Jones, McQuillan, Hagan, 2. Home run—Hunsicker. Sacrifice hits—Yerkes, Heilman, Siddell, Arnold. Base on balls—Off Longstreth, 4; off Hollingshead, 2; off McQuillan, 2. Strike-outs—By Longstreth, 2; by Hollingshead, 4; by McQuillan, 8. Hit by pitcher—By McQuillan, 2. Stolen bases—Brown, Billo, Weinberger. Hits—Off Longstreth, 6 in 2 2-3 innings; off Hollingshead, 7 in 6 1-3 innings. Umpires—Adams and Clark.

April 14, 1923

No game on account of snow

Haverford, 1; Franklin and Marshall, 5

April 21, 1923

Haverford

	ab	r	h	o	a	e
Yerkes, ss	4	0	1	3	3	1
Willey, 2b	4	0	2	0	3	1
Hunsicker, 3b	3	0	0	2	0	2
Brown, p	4	1	2	1	5	0
Billo, cf	4	0	2	2	0	0
Longstreth, lf	2	0	1	1	0	0
Knowlton, c	4	0	0	4	0	1
White, rf	3	0	1	1	0	0
*Strawbridge	1	0	0	0	0	0
Arnold, 1b	3	0	0	10	0	0
†Heilman	1	0	0	0	0	0
Totals	33	1	9	24	11	5

Franklin and Marshall

	ab	r	h	o	a	e
Yohn, cf	4	1	0	1	1	0
Cocklin, c	4	2	0	8	1	1
Payne, 3b	4	1	3	0	0	1
Cragin, D., 1b	4	1	0	10	0	0

Horine, lf	4	0	1	1	0	0
Childs, 2b	3	0	0	5	2	0
Fessler, rf	4	0	2	0	0	0
Cragin, J., ss	4	0	1	2	6	0
Polack, p	3	0	0	0	5	0
	—	—	—	—	—	—
Totals	34	5	7	27	15	2

*Batted for White in ninth.

†Batted for Arnold in ninth.

Two-base hits—Payne, 2. Home run—Payne. Struck out—By Brown, 3; by Polack, 7. Bases on balls—Off Brown, 3; off Polack, 2. Stolen bases—Lewis, Payne, Cocklin, 2; D. Cragin, Horine, Fessler. Sacrifice hit—Longstreth. Double plays—Brown to Yerkes to Arnold; J. Cragin to D. Cragin. Umpire—Houck, Penn State.

April 28, 1923

No game on account of rain

Haverford, 5; St. Joseph's, 7

May 3, 1923

Haverford

	ab	r	h	e	a	e
Yerkes, ss	4	1	1	0	1	1
Willey, 2b	4	0	0	0	1	0
Hunsicker, 3b	4	0	1	0	0	3
Brown, p	4	2	3	0	3	0
Billo, 1b	4	1	2	6	0	1
Longstreth, cf	3	0	0	1	0	0
Knowlton, c	4	1	1	17	0	0
White, rf	3	0	0	2	0	0
Arnold, lf	4	0	1	1	0	0
*Lewis	0	0	0	0	0	0
	—	—	—	—	—	—
Totals	34	5	9	27	5	5

*Lewis ran for Arnold in ninth.

St. Joseph's

	ab	r	h	o	a	e
Noonan, ss	5	1	2	1	4	0
Mackin, 3b	5	1	0	3	3	1
Gannon, 1b	5	2	2	17	1	0
Darreff, cf	4	1	1	2	0	0
Biaso, rf	5	1	2	0	0	0
Dougherty, lf	3	0	0	2	0	0
Hayes, 2b	5	1	1	0	2	0
Ferry, c	4	0	0	2	0	1
McNicholas, p	4	0	0	0	6	0

Totals	40	7	8	27	16	2
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Two-base hits—Yerkes, Hunsicker, Gannon. Three-base hits—Knowlton, Biaso. Stolen bases—Brown, 2; Billo, Arnold, Hayes, Lewis. Sacrifice hits—Longstreth, White. Struck out—By Brown, 17; by McNicholas, 2. Bases on balls—Off Brown, 5; off McNicholas, 1. Passed ball—Ferry. Double play—McNicholas to Gannon to Mackin. Earned runs—Haverford, 3; St. Joseph's, 1. Umpire—Harry Adams.

Haverford, 5; Susquehanna, 6

May 5, 1923

Haverford

	ab	r	h	o	a	e
Yerkes, ss	4	1	1	0	0	0
Willey, 2b	3	0	0	4	1	0
Billo, 1b	4	0	1	7	1	0
Brown, p	4	0	1	0	5	2
Knowlton, c	4	2	2	8	1	1
Hunsicker, 3b	4	1	3	0	1	0
Longstreth, lf	4	0	2	4	0	1
White, rf	2	0	0	0	0	0
Lewis, rf	1	0	0	0	0	0
Roedel, lf	3	1	0	2	0	0
†Heilman	1	0	0	0	0	0
Totals	34	5	10	*25	9	4

Susquehanna

	ab	r	h	o	a	e
Bowser, 1b	5	1	1	10	0	1
Bannon, rf	4	0	0	0	0	0
Sweeney, cf	5	2	2	0	0	0
Rogawicz, ss	4	1	0	1	2	1
Emerick, lf	4	1	2	3	0	0
Thomas, 3b	4	0	1	1	1	0
Bolig, 2b	4	1	3	1	3	0
Mitchel, c	4	0	0	10	2	0
Clark, p	4	0	1	1	4	1
	—	—	—	—	—	—
Totals	38	6	10	27	12	3

†Batted for Lewis in ninth.

*One out when winning run was scored.

Two-base hit—Hunsicker. Stolen bases—Thomas, Rogawicz, Sweeney. Bases on balls—Off Brown, 3; off Clark, 1. Struck out—By Brown, 8; by Clark, 8. Wild pitch—Brown, 2. Passed ball—Knowlton. Left on bases—Haverford, 4; Susquehanna, 8. Sacrifice hits—Willey, Bannon.

Haverford, 8; Osteopathy, 7

May 9, 1923

Haverford

	ab	r	h	o	a	e
Yerkes, ss	4	1	1	2	1	0
Willey, 2b	3	0	2	1	1	0
Billo, 1b	5	1	1	8	1	1
Brown, p	5	2	2	0	6	2
Longstreth, rf	5	3	3	1	0	0
Hunsicker, 3b	5	1	3	0	1	1
Knowlton, c	5	0	2	12	2	0
Arnold, lf	4	0	0	2	0	1
Lewis, cf	4	0	0	1	0	0
	—	—	—	—	—	—
Totals	40	8	14	27	12	5

Osteopathy

	ab	r	h	o	a	c
Lloyd, 2b	5	1	0	3	1	1
Amidon, 3b	5	0	3	0	3	1
Gibbs, cf	4	1	0	2	1	0
Donovan, c	4	2	0	9	1	0
Champion, 1b	5	2	3	7	0	0
Henke, rf	3	1	0	0	0	1
Moeschlin, rf	2	0	0	0	0	0
McHenry, ss	4	0	0	2	3	0
Copp, lf	4	0	1	1	1	0
Gerlach, p	4	0	1	1	2	1
Totals	40	7	8	25	12	4

Two-base hits—Hunsicker, 2; Longstreth, Willey, Champion, 3.
 Stolen bases—Hunsicker, Longstreth, Henke, Champion. Bases
 on balls—Off Brown, 4; off Gerlach, 3. Struck out—By Brown,
 10; by Gerlach, 7. Passed ball—Donovan. Umpire—McLaughlin.

Haverford, 5; Ursinus, 8**May 12, 1923****Haverford**

	ab	r	h	o	a	e
Yerkes, ss	5	0	1	1	2	0
Willey, 2b	4	0	0	3	1	1
Billo, 1b	5	2	2	8	0	0
Brown, p	3	2	2	2	6	1
Longstreth, rf	3	1	0	1	0	0
Hunsicker, 3b	3	0	1	2	1	1
Knowlton, c	2	0	0	5	1	0
Arnold, lf	3	0	0	1	0	0
*Heilman	1	0	0	0	0	0
Lewis, cf	2	0	1	1	0	0
†White	1	0	0	0	0	0
Totals	32	5	7	24	11	3

*Batted for Arnold in ninth.

†Batted for Lewis in ninth.

Ursinus

	ab	r	h	o	a	e
Flitter, rf	5	0	1	0	0	0
Wismer, 3b	5	2	2	3	3	0
High, c	5	0	2	13	1	0
Faye, ss	3	2	1	3	0	0
Buchanan, lf	3	1	0	0	0	1
Moyer, lf	0	0	0	1	0	0
Shuts, cf	4	1	1	0	0	0
Sellers, 1b	3	1	1	4	0	0
Gotschalk, 2b	1	0	0	0	0	0
Kern, 2b	2	1	0	2	1	0
Williams, p	0	0	0	1	0	0
Wood, p	4	0	2	0	2	0
Totals	35	8	10	27	7	1

Two-base hits—Billo, Hunsicker, Shuts. Three-base hits—Brown, Wismer. Home run—Faye. Bases on balls—Off Brown, 3; off Williams, 3; off Wood, 1. Struck out—By Brown, 5; by Williams, 2; by Wood, 10. Hit by pitcher—By Wood, 3. Sacrifice hits—Kern, Shuts. Passed ball—High. Stolen bases—Buchanan, High, 2; Wismer, 2. Umpire—Rapine.

Haverford, 4; P. M. C., 8

May 19, 1923

Haverford

	ab	r	h	o	a	e
Knowlton, c	3	0	0	7	1	0
Lewis, lf	3	0	0	2	0	0
Arnold, lf	0	0	0	1	0	0
Billo, 1b	5	1	1	10	1	0
Brown, p	5	1	4	0	5	1
Longstreth, cf	4	0	0	2	0	0
Hunsicker, 3b	3	1	1	2	0	2
Yerkes, ss	4	0	1	1	4	0

Wiley, 2b	3	0	1	0	2	1
Heilman, rf	3	0	0	2	0	0
White, rf	1	0	1	0	0	0
*Roedel	0	1	0	0	0	0
	—	—	—	—	—	—
Totals	34	4	9	27	13	4

*Ran for Arnold in seventh and ninth innings.

P. M. C.

	ab	r	h	o	a	e
Buene, ss	4	1	0	1	1	0
Overholt, 2b	5	2	2	0	0	0
Allen, c, rf	5	2	1	5	2	0
Elliott, 1b	4	1	1	9	0	0
Prostovich, 3b	5	1	0	6	3	0
Magner, p	5	0	1	1	0	0
Kaye, cf	3	0	2	2	0	0
Riley, lf	2	1	1	1	1	0
Craig, rf, c	5	0	1	3	0	0
	—	—	—	—	—	—
Totals	38	8	9	28	7	0

Two-base hits—Billo, Brown, 3; White, Elliott, Overholt. Struck out—By Brown, 6; by Magner, 6. Bases on balls—Off Brown, 5; off Magner, 5. Stolen bases—Hunsicker, White, Allen, Kaye. Sacrifice hits—Longstreth, Yerkes. Sacrifice fly—Magner. Wild pitches—By Brown, 2. Passed ball—By Allen, 2; by Knowlton, 2. Hit by pitcher—By Magner, 3; by Brown, 1. Umpire—McLaughlin.

Haverford, 4; Swarthmore, 13

May 26, 1923

Haverford

	ab	r	h	o	a	e
Yerkes, ss	3	0	0	3	2	0
Longstreth, rf	5	1	1	1	0	0

	ab	r	h	o	a	e
Billo, 1b	4	0	1	8	0	1
Brown, p	4	0	0	2	5	1
Hunsicker, 3b	4	0	1	3	0	1
Knowlton, c	3	1	3	6	3	0
Wiley, 2b	2	0	0	0	1	1
Gilmour, 2b	1	1	0	0	1	0
Lewis, cf	4	1	1	1	0	0
Arnold, 1f	4	0	2	0	0	1
*White	1	0	0	0	0	0
†Strawbridge	0	0	0	0	0	0
Totals	35	4	9	24	12	5

Swarthmore

	ab	r	h	o	a	e
Hayes, 1f	4	2	1	2	0	0
Dotterer, 2b	5	3	2	0	2	0
Wood, cf	5	2	2	2	0	0
Esrey, ss	2	0	0	3	1	0
Knapp, rf	5	1	3	1	0	0
Baker, 1b	5	2	3	7	0	0
Shane, 3b	4	1	1	3	2	0
Schneider, c	5	0	0	9	2	0
Lippincott, p	4	2	2	0	3	1
Totals	39	13	14	27	10	1

*Batted for Wiley in seventh inning.

†Ran for Arnold in sixth and ninth innings.

Two-base hits—Billo, Dotterer, Knapp, Lippincott. Three-base hits—Longstreth, Baker. Hit by pitcher—Esrey by Brown. Bases on balls—Off Brown, 3; off Lippincott, 2. Struck out—By Brown, 4; by Lippincott, 8. Stolen bases—Lewis, Knapp, Lippincott, Shane. Umpires—Laird and Longen.

Haverford, 9; Delaware, 4

June 9, 1923

Haverford

	r	h	o	a	c
Hunsicker, 3b	2	1	2	2	1
Yerkes, ss	1	0	7	2	0
Billo, 1b	2	1	6	1	0
Brown, p	0	3	1	1	0
Longstreth, rf	1	1	0	0	0
Knowlton, c	1	1	8	1	0
Arnold, lf	0	0	1	0	1
White, cf	0	0	0	0	0
Lewis, cf	0	0	0	1	0
Willey, 2b	2	0	2	2	1
	—	—	—	—	—
Totals	9	7	27	10	3

Delaware

	r	h	o	a	c
Mannis, cf	2	1	1	0	0
McCormick, 2b	1	2	4	1	0
Hoch, c	1	2	4	3	1
Nutter, 1b	0	1	12	0	2
Underwood, ss	0	1	0	3	0
Hunt, rf	0	2	1	0	0
Murray, lf	0	0	2	0	1
Collon, p	0	1	1	4	1
Lund, p	0	1	0	2	0
Brandt, p	0	0	0	1	0
	—	—	—	—	—
Totals	4	11	25	14	7





HAVERFORD COLLEGE DIRECTORY

1923-1924

HAVERFORD COLLEGE BULLETIN

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No. 1

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Barrett, Don C.....	5 College Circle	1402 M
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STUDENTS IN THE COLLEGE

In the last column is given the number of the student's dormitory room; Bn is an abbreviation for Barclay Hall, North; Bc, for Barclay Hall, Centre; Bs, for Barclay Hall, South; F, for Founders Hall; L, for Lloyd Hall; M, for Merion Hall; D, for day student.

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Name	Home Address	College Address
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GILMOUR, ALLAN	 1404 Pacific St., Brooklyn, N. Y.	12 F
GREENE, CHARLES	HERBERT Troy, Pa.	17 Bs
HAINES, MURRAY	CHESTON Cheltenham, Pa.	58 Bn
HAINES, ROBERT	LEE Moorestown, N. J.	116 M
HALSTEAD, WILLIAM	STORM White Plains, N. Y.	21 F
HANNUM, EDMUND	PENNELL 5239 Spruce St., Philadelphia, Pa.	D
HARPER, SIDDONS, JR.	 123 Thompson Ave., Ardmore, Pa.	D
HARTMAN, DALZELL	FAHNESTOCK 442 N. Duke St., Lancaster, Pa.	11 L

Name	Home Address	College Address
HATCHER, ROBERT LEE	115 14th St., Flushing, N. Y.	16 L
HUBER, WILLIAM MCPHERSON	3007 Midvale Ave., Philadelphia, Pa.	64 Bn
HUNSICKER, HORACE HIGBEE	1625 Race St., Philadelphia, Pa.	112 M
HURD, HAROLD, JR.	Roswell, N. M.	108 M
JACKSON, WAYNE GRIDLEY	1142 Madison Ave., New York, N. Y.	6 M
JOHNSTON, JOHN ANDERSON	131 Coulter Ave., Ardmore, Pa.	20 Bs
JOLY, JOHN DEAN	North Latches Lane, Merion, Pa.	7 L
KINGSBURY, EDWARD HENRY	647 Bergen Ave., New York, N. Y.	102 M
LAMBERTI, VICTOR ANTHONY	2376 Ryer Ave., New York, N. Y.	41 Bc
LEARY, WILSON MACDONALD	4420 Sansom St., Philadelphia, Pa.	D
LEEDS, WINTHROP MOORHEAD	304 W. School Lane, Germantown, Pa.	16 F
LEWIS, DANIEL CLARK, JR.	825 Columbia Ave., Millville, N. J.	55 Bn
LOWRY, BENJAMIN HOWARD	407 Chester Ave., Moorestown, N. J.	6 M
MACGOWAN, HOWARD TREGO	Fisher's Rd., Bryn Mawr, Pa.	16 L
MAGUIRE, WILLIAM THOMAS	Louella Apts., Wayne, Pa.	52 Bn
MARSHALL, J. HOWARD	Park and Hill Aves., Langhorne, Pa.	107 M
MEAD, WILLARD ECKER	354 Lehigh Ave., Pittsburgh, Pa.	115 M
MELCHIOR, MONTFORT VERTIGANS	108 E. Greenwood Ave., Lansdowne, Pa.	28 Bc
MILLER, JAMES ROCKWITH	Chincapin Lodge, Montreat, N. C.	4 F
MILLER, MERLE MIDDOUR	35 N. Grant St., Waynesboro, Pa.	110 M
MILLER, RALPH C.	2116 Morris Ave., New York, N. Y.	11 L
MONROE, HAROLD CLAYTON	239 W. 103rd St., New York, N. Y.	60 Bn
NOCK, FRANCIS JAY	334 E. Walnut St., Titusville, Pa.	101 M
PERRING, HENRY BROOKS	3304 Hillen Road, Baltimore, Md.	68 Bn
PITTER, OSMOND CHESTER	Happy Grove, Hector's River P. O., B. W. I.	4 Bs
REX, ALEXANDER BUCHANAN	1717 DeKalb St., Norristown, Pa.	7 L
RICHIE, ROBERT HOOTON	Moorestown, N. J.	8 F
ROEDELHEIM, FRED	"Oakshade," Elkins Park, Pa.	105 M

Name	Home Address	College Address
SASSAMAN, PAUL LEWIS	109 M	
	301 E. Oakdale Ave., Glenside, Pa.	
SHANK, CHRISTIAN ERNEST, JR.	D	
	Rosemont, Pa.	
SUMWALT, CHARLES EDWARDS	68 Bn	
	2901 Chelsea Terrace, Baltimore, Md.	
TATNALL, CHARLES RHOADS	2 F	
	805 Franklin St., Wilmington, Del.	
THOMAS, GEORGE, IV	20 L	
	Whitford, Pa.	
VANSANT, JOSEPH ADDISON ROBINSON	28 Bc	
	2348 E. Hagert St., Philadelphia, Pa.	
WAGNER, ALEXANDER ROBEY SHEPHERD	60 Bn	
	1218 S. Main St., Tulsa, Okla.	
WOOD, EDWARD SHARPLESS, JR.	114 M	
	Riverton, N. J.	
ZIMMERMAN, CHARLES HINCKLEY	50 Bn	
	325 Chestnut St., Lebanon, Pa.	

FRESHMAN CLASS

ALBERT, WILLIAM HENRY	2 L	
	152 Roseville Ave., Newark, N. J.	
ALDEN, DONALD HITT	22 F	
	106 Cornell Ave., Swarthmore, Pa.	
ALLEN, ADDISON JACKSON	17 L	
	40 McCartney St., Easton, Pa.	
BAKER, JAMES WINSOR	54 Bn	
	2901 Chelsea Terrace, Baltimore, Md.	
BANKS, GEORGE THOMAS	6 L	
	Raines, Shelby County, Tenn.	
BATES, HAROLD EARL	20 F	
	Port Deposit, Md.	
BENHAM, WELLARD SNOWDEN	53 Bn	
	4631 Larchwood Ave., Philadelphia, Pa.	
BIDDLE, JOHN HUNTER	53 Bn	
	652 Fifth St., Huntingdon, Pa.	
CLEMENT, CHARLES ALLEN	29 Bc	
	124 King's Highway, West, Haddonfield, N. J.	
COMPTER, HERMAN EDWARD	15 M	
	353 E. 193d St., New York City.	
COOK, FRANKLIN	29 Bc	
	1426 Asbury Ave., Evanston, Ill.	
COOK, SAMUEL	1 M	
	2614 N. 31st St., Philadelphia, Pa.	
CONE, DANIEL MICHAUX	14 L	
	1811 Spruce St., Philadelphia, Pa.	
CURTIS, FRANKLIN O'NEILL	25 Bc	
	31 York Court, Guilford, Baltimore, Md.	
DEMPSEY, ALVIN VICTOR	D	
	Narberth, Pa.	
EMERY, NATT MORRILL, JR.	67 Bn	
	41 E. Market St., Bethlehem, Pa.	
FARQUHAR, FREDERICK STILSON	D	
	30 Orchard Way, Wayne, Pa.	

Name	Home Address	College Address
FAY, ALLAN BRADSHAW	3 Kendall Green, Washington, D. C.	56 Bn
FORSYTHE, JOHN EVANS, JR.	22 S. Oakland Ave., Ventnor, N. J.	8 Bs
FOWLER, ALBERT VANN	531 Oak St., Syracuse, N. Y.	17 L
FOWLER, JOHN SHERMAN	316 S. Washington St., Alexandria, Va.	9 M
GILSON, WARREN EDWIN	Prospect Ave., Oradell, N. J.	7 Bs
GOTT, JOHN RICHARD, JR.	221 N. High St., Murfreesboro, Tenn.	2 M
GROVER, OLIVER	7 Montgomery St., Middletown, N. Y.	25 Bc
GRUBER, WALTER JAMES	197 Preston St., Ridgefield Park, N. J.	7 M
HAINES, CASPAR WISTAR, 2D	2824 Grand Ave., Des Moines, Iowa.	2 L
HALLOCK, ROLAND BRADFORD	Parkesburg, Pa.	3 M
HALSTEAD, GORDON BRINCKERHOFF	31 Greenridge Ave., White Plains, N. Y.	30 Bc
HELLER, JOHN LEWIS	15 S. Raleigh Ave., Atlantic City, N. J.	106 M
HOAG, JOHN HACKER	Haverford, Pa.	8 Bs
HOSKINS, STEWART	165 S. Lexington Ave., White Plains, N. Y.	17 F
HUELLE, WALTER EMERSON	40 W. Main St., Mt. Kisco, N. Y.	30 Bc
LESTER, WILLIAM LUCIEN	751 S. Linden Ave., Pittsburgh, Pa.	26 Bc
LOBER, JOHN CROZER	234 Church Rd., Ardmore, Pa.	9 L
MILLER, WILMER	26 St. Paul's Road, Ardmore, Pa.	6 L
NEILSON, WALLACE PLATT	Althea Farm, Darien, Conn.	13 L
NOLAN, FRANCIS ALBERT	208 N. Bluff St., Butler, Pa.	2 L
OHL, PAUL WINFRED	148 Cricket Ave., Ardmore, Pa.	D
POWELL, ALLEN GRAFF	Wynnewood and Highland Aves., Merion, Pa.	67 Bn
RENNINGER, GEORGE HANSEN	317 E. Oakdale Ave., Glenside, Pa.	30 F
ROBER, HERBERT CRAWLEY	Glenside Ave., Wyncote, Pa.	30 F
RUTHERFORD, IRA BURNS	1416 Main St., Honesdale, Pa.	22 F
SANDERS, FRANKLIN	2906 St. Paul St., Baltimore, Md.	26 Bc
SARGENT, STEPHEN STANSFIELD	4815 Trinity Place, Philadelphia, Pa.	7 Bs
SAUNDERS, GEORGE EDWARD	3306 Powhatan Ave., Baltimore, Md.	66 Bn

Name	Home Address	College Address
SAUNDERS, WILLIAM WYMAN	3306 Powhatan Ave., Baltimore, Md.	66 Bn
SAWTELLE, EGERTON BURPEE	Haverford, Pa.	9 L
SCARBOROUGH, WATSON	6412 Germantown Ave., Philadelphia, Pa.	71 Bn
SCOTT, WILLIAM MAXWELL, JR.	Radnor, Pa.	10 L
SILVER, ARTHUR	Aberdeen, Md.	59 Bn
SMITH, IRVING BELL, JR.	1 Lindenwold Terrace, Ambler, Pa.	14 L
SPARACINO, PHILIP ROSALIE NAPOLI	1064 Willoughby Ave., Brooklyn, N. Y.	5 L
THOMPSON, CHARLES ROBERTS	212 E. University Parkway, Baltimore, Md.	104 M
TOTTEN, WALLACE BURR	379 Washington Ave., Brooklyn, N. Y.	13 L
VOGEL, CARL STEPHEN	526 W. York Ave., York, Pa.	103 M
WEBSTER, WALTER FOSTER	179 Prospect St., East Orange, N. J.	61 Bn
WEST, WALTER ASWORTH	842 Old Lancaster Road, Bryn Mawr, Pa.	D
WHITE, PAUL VAILLANT RANDOLPH	9 DeLap Place, Jamaica, L. I., N. Y.	59 Bn
WILE, ROBERT ALFONS	22 Prospect Park, White Plains, N. Y.	10 L
WINSLOW, RANDOLPH, 2D	Walnut Lane, Bryn Mawr, Pa.	D
WINSLOW, THOMAS PALMER	183 William St., East Orange, N. J.	61 Bn

DEC 7 1923

LIBRARY OF
HAVERFORD COLLEGE
HAVERFORD, PA.

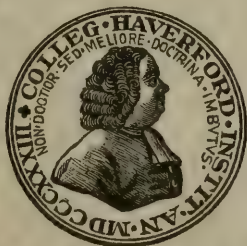
HAVERFORD COLLEGE BULLETIN

VOL. XXII

ELEVENTH MONTH, 1923

No. 2

**Reports of the President of the
College and Treasurer of the
Corporation, 1922-1923**



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THE CORPORATION
OF
HAVERFORD COLLEGE

REPORTS OF
PRESIDENT OF THE COLLEGE
TREASURER OF THE CORPORATION

PRESENTED AT THE ANNUAL MEETING
TENTH MONTH 9, 1923

HAVERFORD, PA.

CORPORATION

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ASA S. WING.....409 Chestnut St., Phila.

Secretary

J. STOGDELL STOKES.....Summerdale, Phila.

Treasurer

J. HENRY SCATTERGOOD.....355 Bourse Building, Phila.

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Term Expires 1924

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Term Expires 1925

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Term Expires 1926

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CHARLES EVANS.....Summerdale, Phila.

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Term Expires 1924

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Term Expires 1924

WILLIAM W. JUSTICE, JR. 300 Chestnut St., Phila.
Term Expires 1925

WALTER C. JANNEY 133 S. Fourth St., Phila.
Term Expires 1926

ASA S. WING, *President*. 409 Chestnut St., Phila.
MORRIS E. LEEDS, *Secretary*. 4901 Stenton Ave., Gtn., Phila.

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J. STOGDELL STOKES	WALTER C. JANNEY

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ABRAM F. HUSTON	ARTHUR H. THOMAS
DANIEL SMILEY	WILLIAM A. BATTEY
WILLIAM W. JUSTICE, JR.	

Committee in Care of Thomas Wistar Brown Graduate School

CHARLES J. RHOADS	MORRIS E. LEEDS
J. HENRY SCATTERGOOD	RICHARD M. GUMMERE

The President of the Corporation is *ex-officio* a member of all standing committees.

Counsel

GEORGE VAUX, JR.	PARKER S. WILLIAMS*
	Commercial Trust Bldg., Phila.

* Invited to attend all Board Meetings.

FACULTY*

WILLIAM WISTAR COMFORT, PH.D., LITT.D., LL.D.
President

LYMAN BEECHER HALL, PH.D.
John Farnum Professor of Chemistry, *Emeritus*

ALBERT SIDNEY BOLLES, PH.D., LL.D.
Lecturer on Commercial Law and Banking, *Emeritus*

HENRY SHERRING PRATT, PH.D.
David Scull Professor of Biology

JAMES ADDISON BABBITT, A.M., M.D.
Professor of Hygiene and Physical Education

RUFUS MATTHEW JONES, LITT.D., D.D., LL.D.
Professor of Philosophy

DON CARLOS BARRETT, PH.D.
Professor of Economics

LEGH WILBER REID, PH.D.
Professor of Mathematics

FREDERIC PALMER, JR., PH.D.
Dean and Professor of Physics

WILLIAM EDWARD LUNT, PH.D.
Walter D. and Edith M. L. Scull Professor of English
Constitutional History

* Arranged in order of appointment to present rank.

HAVERFORD COLLEGE

ELIHU GRANT, PH.D.
Professor of Biblical Literature

RAYNER WICKERSHAM KELSEY, PH.D.
Professor of History and Curator of Quaker Collections

LEON HAWLEY RITTENHOUSE, M.E.
Professor of Engineering

FRANK DEKKER WATSON, PH.D.
Professor of Sociology and Social Work

DEAN PUTNAM LOCKWOOD, PH.D.
Librarian and Professor of Latin

*ALBERT HARRIS WILSON, PH.D.
Associate Professor of Mathematics

WILLIAM BUELL MELDRUM, PH.D.
Associate Professor of Chemistry

HENRY VOLKMAR GUMMERE, A.M.
Associate Professor of Mathematics

OSCAR MARSHALL CHASE, S.M.
Registrar and Assistant Professor of Drawing

EDWARD DOUGLAS SNYDER, PH.D.
Assistant Professor of English

JOHN ALEXANDER KELLY, PH.D.
Assistant Professor of German

JAMES MCFADDEN CARPENTER, JR., PH.D.
Assistant Professor of Romance Languages

² Absent on leave 1923-1924.

FACULTY

LEVI ARNOLD POST, M.A.

Assistant Professor of Greek

AUSTIN KEYINGHAM GRAY, M.A.

Lecturer in English

ARLINGTON EVANS

Instructor in Physical Training

RICHARD GRAFFLIN SAGEBEER, A.B.

Instructor in Physics

RAYMOND THEODORE OHL, A.M.

Instructor in French

JOHN OTTO RANTZ

Assistant in the Engineering Laboratory

HERBERT WILLIAM TAYLOR, M.D.

Assistant in Hygiene

CHARLES ALLEN SLOAT, B.S.

Assistant in Chemistry

WILLIAM AUGUSTINE WOLFF, A.B.

Assistant in Chemistry

HARRIET B. GOOCH

Assistant Librarian

PRESIDENT'S REPORT

College has opened this year with an attendance of 224. There are 61 Freshmen; 12 new students have entered from other colleges; there are 14 day students. The living accommodations are full. The members of the Freshman class were prepared at 39 schools, of which 23 are public schools, and at 5 colleges.

For the second time there was given last year to our Freshman class a psychological test, and though the result the previous year had been very favorable, it was surpassed by the last year's Freshmen, members of the Class of 1926. The latter secured an average of 116.5, as against the previously high record of 113.6 for the Freshmen of the Class of 1925. It is felt that these tests, though not of final value, are of great assistance in determining the mental calibre of the students who are admitted by the written examinations in the Sixth and the Ninth Month.

There are no changes in the Faculty for the year 1923-24 excepting that Henry V. Gummere, A.M., of the Class of 1888, has been appointed to carry certain mathematics courses during the absence of Associate Professor Albert H. Wilson on sabbatic leave. Raymond T. Ohl, 1921, has been appointed Instructor in Romance Languages for the current year, and Richard G. Sagebeer, 1922, is acting under similar appointment as Instructor in Physics. Professors Frank D. Watson and Rufus M. Jones have returned after absence during part of last year.

The geographical distribution of the present student body is as follows:

PRESIDENT'S REPORT

California.....	2
Connecticut.....	2
Delaware.....	1
District of Columbia.....	2
Illinois.....	3
Iowa.....	1
Maryland.....	17
Massachusetts.....	1
Michigan.....	1
New Jersey.....	32
New Mexico.....	1
New York.....	29
North Carolina.....	4
Oklahoma.....	1
Pennsylvania.....	119
Tennessee.....	3
Virginia.....	1
Foreign Countries.....	4
	<u>224</u>

The religious affiliation of students is as follows:

	GRADUATE STUDENTS	CLASS 1924	CLASS 1925	CLASS 1926	CLASS 1927	TOTAL
Episcopalians.....	..	11	13	15	16	55
Presbyterians.....	..	13	11	13	17	54
Friends.....	3	10	10	13	5	41
Methodists.....	1	3	6	7	6	23
Lutherans.....	..	3	4	3	3	13
Congregationalists.....	..	2	2	2	3	9
Baptists.....	1	..	1	2	1	5
Roman Catholics.....	..	1	1	1	2	5
Christian Scientists.....	1	1	..	..	2	4
Disciples of Christ.....	..	..	2	1	..	3
Dutch Reformed.....	..	1	..	..	1	2
Jewish.....	..	..	..	..	2	2
Moravian.....	..	1	..	..	..	1
Unitarian.....	..	..	..	..	1	1
Universalist.....	..	..	1	..	..	1
No religious affiliation.....	..	1	1	1	2	5
	<u>6</u>	<u>47</u>	<u>52</u>	<u>58</u>	<u>61</u>	<u>224</u>

Percentage of Friends..... 18.3

HAVERFORD COLLEGE

Inquiry made last year showed that the fathers of 111 of our students were college men, and the fathers of 97 students were non-college men; also that the fathers of 117 students were business men and of 79 students were professional men. These figures show that we have at Haverford a group of young men who, to a rather unusual degree, spring from a background of some religious and intellectual culture. They show that we do not have to face in their more difficult form some of the problems which confront so-called higher education in the United States.

In this connection reference should be made to an examination made of all the members of the Class of 1923 shortly before graduation by a professional employers' adviser. This examination was made possible through the generosity of an alumnus of the College, who prefers for the present to remain anonymous. The general conclusions reached by the examiner were handed to the President of the College, and though not to be treated as infallible in all cases, certainly tend to confirm the impression that we have at Haverford a distinct type of American youth. This type is both a cause and an effect of Haverford College as it is to-day. The young men who are attracted to Haverford possess certain characteristics, and their presence here as undergraduates tends to perpetuate the type and to make Haverford the kind of college which it is. Without going into detail, it may be stated that the trained observer commented favorably upon the personality of our students, their idealism, scholarship, and artistic traits, noting at the same time a lack of that force and determination which are often associated with promise of success in business. To a marked degree, our Seniors were judged to be gifted and trained for professional careers, such as law, medicine, and teaching,

PRESIDENT'S REPORT

rather than for the fiercer competition of business. The recommendation was made, on the physical side, that the greatest possible expansion be given to athletics, and on the intellectual side that the facilities be extended for debating and public speaking.

In comment upon this analysis, it may be pointed out that we cannot suddenly change the present state of affairs, even if we would. Moreover, there are many exceptions to any general statement based upon such an analysis. Nevertheless, the conclusions are interesting as coming from an expert stranger to our community, and they furnish food for thought.

No building has been done on the campus during the past year, but a new hay-barn has been constructed, at a cost of about \$9000, to replace the one destroyed by fire in 1922. The sewer which the College was forced to construct in order to connect with the Township sewer on Ardmore Avenue, has been completed during the past summer, at a cost of about \$4000, and is now in operation. All of the dormitories and most of the other buildings are connected with it. A fire broke out in Barclay Hall the night after the Alumni dinner last Second Month, and for a while threatened the worst disaster of the kind the College has suffered. It smoldered in the partitions for some time, but the new high-power water supply on the campus proved very effective as soon as the stream could be brought to the attic, where the fire was smoldering. The actual damage done proved to be slight.

An unusual amount of work has been done upon the interior of the students' rooms in an attempt to render them more attractive. In several cases the students themselves have borne one-half of the expense. The calcimining to which

HAVERFORD COLLEGE

the dormitories have been annually subjected for generations is being removed, and every year it is hoped further progress may be made in papering all the study rooms. It is believed that the students themselves will appreciate more attractive living quarters and will seek to preserve them from disfigurement.

A generous contribution from an anonymous friend of the College has enabled the Department of Physics and the students interested in wireless telegraphy to erect a powerful broadcasting equipment in Sharpless Hall. A considerable number of the students have taken a deep and practical interest in this new department of science, and during the current year an adequate course is being offered by the Department of Physics in the principles of radio-telegraphy.

During the past summer progress with the cement walks has been made by the laying of a new walk to the Lyman Beecher Hall Chemistry Laboratory. As has been recommended for several years, the Campus Club has planted shrubbery extensively about the western side of the Skating Pond, and it is hoped that in a short time the fence will be completely concealed by the new planting.

In the spring of 1923 the large farm, one-half share in which came to the College by will of Anna Yarnall, was advantageously sold. As the Treasurer's report will show, this will result in an increase in the funds of about \$175,000. Either principal or income of this Fund may be spent, under the will, for the general purposes of the College Library.

The Library has now satisfactorily bestowed the Romance language library of the late John E. Matzke of Leland Stanford Junior University. Reference to the gift of this valuable memorial library was made in the last report. This collection has been placed apart in the south wing of the Library,

PRESIDENT'S REPORT

and the alcove containing it has been designated by a brass plate and an oil portrait of Professor Matzke.

Other valuable gifts to the Library include: a leaf from a Gutenberg Bible, richly bound, from A. Edward Newton; a collection of valuable autograph letters and historical miscellany from Logan Pearsall Smith, 1885, of London; a collection, nearly complete, of 36 etchings by Robert Spence, dealing with Quaker history, presented by a group of interested Alumni and friends; a portfolio of reproductions of Violet Oakley's paintings for the State Capitol, presented by Edward Woolman, 1893. These gifts are suggestive of what valuable literary and historical material might come to the College if we had better and safer quarters in which to accommodate and exhibit them. A large addition to the present Library, to contain stack room, seminar rooms and treasure rooms, should be provided within five years. The Board has just sanctioned the expense necessary to recatalogue the Library according to the plan of the Library of Congress, a work which will be in progress during the next year or two.

Miss Helen Sharpless, after many years of service as Assistant Librarian, has resigned, and Miss Harriet B. Gooch has been appointed in her place.

The statistical report of the Library for 1922-1923 is as follows:

At the end of the Ninth Month, 1923, the College Library contains 91,622 volumes. During the year 3835 volumes were added and 250 volumes discarded. Of the accessions, 1671 were gifts and 146 came from the United States Government for the depository collection.

The total number of volumes taken for use outside the building was 14,321. Of this number, 9197 volumes were

HAVERFORD COLLEGE

used by students, 3151 by professors, and 1973 by others to whom the privileges of the Library were granted.

The report of the Infirmary for the year 1922-1923 is as follows:

Record of house patients:

Patients admitted.....	118
Total time (days).....	618

Diseases are classified as follows:

Grippe and respiratory.....	45
Intestinal.....	6
Joint conditions.....	9
Tonsillitis.....	4
Appendicitis.....	2
External infections.....	9
Operations.....	2
Miscellaneous (general).....	41

Total number of visits of dispensary patients:

Medical.....	1,072
Surgical.....	1,562
	<hr/>
	2,634

Conditions are classified as follows (dispensary):

General.....	810
Upper respiratory.....	105
Fractures.....	5
Suture cases.....	6

In this connection I must record with deep regret the death of Robert Brooke Taney, of the Class of 1925 which occurred at his home in Media, Pa., shortly after Commencement.

The following lectures outside of the regular course have been given during the year:

PRESIDENT'S REPORT

Haverford Library Lectures:

"The Kingdom of God," by Samuel S. Drury, D.D., Rector of St. Paul's School, Concord, N. H.

Second Month 19 and 20, 1923.

Other Lectures:

"Molière," by President W. W. Comfort, of Haverford College.

Tenth Month 24, 1922.

Plantation Songs, by The Hampton Institute Quartette, and addresses by representatives of the School.

Twelfth Month 5, 1922.

"Stories and Poems of the Sea," by Professor George F. Whicher, of the Department of English, Amherst College.

Twelfth Month 8, 1922.

"The Prisoner and the Community," by Dr. George W. Kirchwey, Former Dean of Columbia University, Warden of Sing Sing Prison, 1915-1916.

First Month 19, 1923.

"America's Place in the World To-day," by Mr. Frederic J. Libby, Executive Secretary National Council for Prevention of War.

Second Month 12, 1923.

"Queen Victoria," by Mr. Austin K. Gray, M.A., Lecturer in English, Haverford College.

Second Month 13, 1923.

The "Miles Gloriosus" or "Bragging Soldier," performed by members of the Classical Club of Haverford College.

Third Month 7, 1923.

"John Masfield," by Professor Charles H. Carter, of Syracuse University.

Third Month 12, 1923.

Lecture by Mr. L. B. Coes, Chairman of Material Handling Section of The American Society of Mechanical Engineers.

Third Month 20, 1923.

HAVERFORD COLLEGE

"The Ruhr Situation," by Mr. J. Henry Scattergood.

Fourth Month 30, 1923.

"Three Kinds of Literary Criticism," by Professor Stanley P. Chase, of Union College, Schenectady, N. Y.

Fifth Month 2, 1923.

Two Interclass Debates:

An extemporaneous debate between Sophomores and Freshmen for the Everett Society Medals and Everett Medal, on the proposition: "*Resolved*, That athletic scholarships should be abolished."

A formal debate between Seniors and Juniors for the Alumni Prize, on the proposition: "*Resolved*, That the enrollment of Haverford College should be increased by at least fifty per cent."

Fifth Month 17, 1923.

Commencement Day:

Commencement Exercises in Roberts Hall, with address by Reverend Charles Wood, D.D., of the Church of the Covenant, Washington, D. C.

Sixth Month 15, 1923.

The Dean submits the following report covering the year 1922-1923:

After the football game with Swarthmore last fall the College seemed to settle down to the serious work of the year, with the result that we have had one of the most peaceful and satisfactory years that I can remember. Some of the circumstances which have contributed to this end are as follows:

1. The attendance at lectures and recitations has been better than at any other time during the past twenty years;
2. Scholarship has been maintained at a high level, as shown by the following facts:

PRESIDENT'S REPORT

- (a) during the second half-year, out of 197 men receiving reports, 7 had general averages of 90 per cent or over;
- (b) 72 had general averages of 80 to 90 per cent;
- (c) only 4 had general averages which were failures;
- (d) only one man was dropped in the middle of the year for poor scholarship, and one at the end of the third quarter.

3. The Student Council has been strong, conscientious, and effective; has had an unusually powerful leader; and has worked out well the provisions of the new constitution adopted last year;

4. There exists a stronger feeling of coöperation between students and Faculty than there has been at any time since the war; a feeling brought about by a conscious effort on the part of both students and Faculty to get together and understand each other better.

Perhaps this matter of relationship between students and Faculty has been somewhat assisted by the efforts of those members of the Faculty who act as student advisers. The advisers have assisted students in making a proper choice of courses, have given advice on many other matters, have helped the Dean form correct judgments in doubtful cases, and have tried to become personally interested in their advisees as speedily as possible. A useful innovation has been made this year by posting in the Faculty Room photographs of all the Freshmen with names attached. It is thus possible in a shorter time for professors to associate name and face, as new students are seen about the Campus. Such a collection of Freshman pictures, if kept for years, would prove an interesting historical document.

HAVERFORD COLLEGE

Through this office notice was sent to an adviser immediately upon the admission of one of his advisees to the College Infirmary, with a statement of the nature of the ailment, and a request to call at an early date.

A report of the Employment Bureau established by this office is given below:

REPORT OF THE EMPLOYMENT BUREAU

1922-1923

KIND OF POSITION	NO. OF STUDENTS	AMOUNT EARNED	AVERAGE AMOUNT EARNED
Athletic Director.....	1	\$67.00	\$67.00
Automobile.....	2	13.75	6.57
Gardening.....	7	24.13	3.44
General (chores).....	10	25.12	2.51
Housework.....	12	32.15	2.67
Night Watchman.....	1	3.00	3.00
Office.....	24	62.18	2.59
Plumbing and Electrical Work....	2	1.94	.97
Mandolin Teacher.....	1	28.75	28.75
Ticket Taker.....	1	2.00	2.00
Summer Work.....	5	1,590.00	318.00
Waiters.....	13	2,950.00	225.00
Teachers (Grads).....	4	8,400.00	2,100.00
Tutor (Grad).....	1	90.75	90.75
Total.....		\$13,330.47	
Graduates.....		8,490.75	
Earned by undergraduates.....		\$4,839.72	

In 1922-1923 seventy-nine undergraduates earned \$4839.72, or an average of \$61.40, as compared with 1921-1922, when sixty-nine undergraduates earned \$3856.00, or an average of \$55.88 per man. The large amount earned by

PRESIDENT'S REPORT

graduates is due to the fact that through the efforts of this office several very good positions were obtained for both inexperienced and experienced teachers. More calls for student workers in the neighborhood have been received than ever before; indeed it has been impossible to supply workers for a large number of the calls. The demand has been greatly in excess of the supply.

PRESIDENT'S REPORT OF THE GRADUATE SCHOOL

The T. Wistar Brown Graduate School of Haverford College now enters upon the seventh year of its existence. During the past year eight students completed their work for the degree of Master of Arts, which was conferred upon them at Commencement, 1923.

This year has opened with five students in residence, who are graduates of Guilford, Penn, and Earlham colleges. A circular letter is being prepared for the third time, and serves to keep the former students of the School in touch with the School and with each other. Our graduates continue to be occupied for the most part in teaching, social work, and missionary activity in foreign fields.

The curriculum remained unchanged last year, courses being given as previously by Professors Barrett, Grant, Jones, and Watson, of our own Faculty, and by Professor Elbert Russell, of the Woolman School.

PUBLICATIONS OF THE FACULTY

BABBITT, JAMES A.—*Athletic Number*, Haverford College Bulletin, Vol. XXI, No. 4, June, 1923.

A Review of the Work of the Central Board on Football Officials and Committee on Soccer. Proceedings of the National Collegiate Athletic Association for 1922.

Some Phases of Septal Surgery. The Medical Times, November, 1922.

The Treatment of Syphilis from the Standpoint of Otology and Laryngology. The Transactions of the College of Physicians, 1922.

Some of the Aspects of Aphonia, Psychic and Otherwise. Annals of Otology, Rhinology and Laryngology, September, 1923.

A Study of the Retropharyngeal Abscess. The Laryngoscope, in print, 1923.

COMFORT, WILLIAM W.—Review of *Whittier's Unknown Romance*. Bulletin of Friends' Historical Society of Philadelphia, Vol. 12, No. 1, 1922, pp. 36-37.

Westtown, Haverford and Philadelphia Yearly Meeting. The Westonian, Vol. XXX, No. 6, 1923, pp. 121-132. Same article in The Friend (Phila.), Vol. XCVI, No. 52, pp. 614-616, and Vol. XCVII, No. 1, pp. 2-4.

The Religious Element in Quaker Education. Friends' Intelligencer, Vol. LXXX, No. 27, 1923, pp. 464-465.

GRANT, ELIHU.—*Oracle in the Old Testament.* The American Journal of Semitic Languages and Literatures, Vol. XXXIX, No. 4, July, 1923, pp. 257-281.

Chapter on *How Shall We Think of the Bible?* in "Religious Foundations." The Macmillan Company, New York, 1923, pp. 87-100.

PUBLICATIONS

Ulysses S. Grant, Interpreted in the Light of Family Traits. Report of the Grant Family Association, Westfield, Mass., 1922, pp. 40-43.

Various short articles in the *Friend*, Vol. 96, Nos. 18, 30, 52; and in *The Friends' Intelligencer*, Vol. 80, No. 9.

GRAY, AUSTIN K.—Review of Winstanley's *History of Cambridge University*. Literary Supplement of the *New York Evening Post*, June 23, 1922.

JONES, RUFUS M.—Editor and author of three chapters of *Religious Foundations*. The Macmillan Company, New York, 1923, pp. viii and 1-41.

Mysticism in Robert Browning. The *Biblical Review*, Vol. VIII, No. 2, April, 1923, pp. 229-246.

Monthly Leader in *The London Friend*.

The American Parent and Child. The Bookman, Vol. LVI, No. 6, February, 1923, pp. 673-679.

Das Zweifache Suchen. German translation of *The Double Search*, Quäkerverlag, Berlin, 1923, pp. 1-66.

Studies in Mystical Religion. Macmillan & Company, London, 1923, XXXVIII and 518 pp. 4th edition.

The Quakers in the American Colonies. Macmillan & Company, London, 1923, xxxii and 603 pp. 2d edition.

Introduction to E. B. Emmott's *Short History of Quakerism*. Swarthmore Press, London, 1923, pp. 17-20.

KELSEY, RAYNER W.—*The Significance of Some Early Plans of Union.* Proceedings of History Teachers' Association of the Middle States and Maryland, Combined Number, 19-20 (1921-1922), pp. 33-44.

Swiss Settlers in South Carolina. *South Carolina Historical and Genealogical Magazine*, Vol. 23, July, 1922, pp. 85-91.

HAVERFORD COLLEGE

Review of Schlesinger's *New Viewpoints in American History*. *American Historical Review*, Vol. 28, October, 1922, pp. 131-132.

Review of A. M. Gummere's *Journal of John Woolman*. *The Friend* (Phila.), November 2, 1922, pp. 210-211. Same article in *The Friend* (London), February 2, 1923, pp. 81-82.

Review of R. M. Jones' *Religious Foundations*. *The Friend* (Phila.), March 29, 1923, p. 463.

Whittier and Friends. *The Friend* (Phila.), February 22, 1923, p. 402.

Book reviews and editorial contributions to *Bulletin of Friends' Historical Society of Philadelphia*, Autumn Number, 1922, and Spring Number, 1923.

LUNT, WILLIAM E.—Review of F. L. Attenborough's *The Laws of the Earliest English Kings*. *American Political Science Review*, Vol. XVII, No. 2, May, 1923, pp. 327-328.

PALMER, FREDERIC, JR.—*Some Properties of Atoms and Electrons as Measured by Students*. *Journal of the Optical Society of America and Review of Scientific Instruments*, Vol. VII, No. 10, pp. 873-887.

POST, L. ARNOLD.—*Note on Plato, Epistle VII, 333a*. *Classical Philology*, Vol. XVIII, No. 2, April, 1923.

SNYDER, EDWARD D.—*The Celtic Revival in English Literature, 1760 to 1800*. Harvard University Press, Boston, 1923, 210 pp.

Review of *Young Boswell*. *Modern Language Notes*, December, 1922, pp. 498-502.

WATSON, FRANK D.—*American Social Agencies and Social Progress*. *The Journal of Social Forces*, Vol. I, No. 2, January, 1923, pp. 87-90.

The Charity Organization Movement in the United States. The Macmillan Company, New York, 1922, 560 pp.

SUMMARY OF THE ACCOUNT OF

J. HENRY SCATTERGOOD, Treasurer of

THE CORPORATION OF HAVERFORD COLLEGE

For the year ending Eighth Month 31, 1923

RECEIPTS

Income from Funds for General Purposes:

General Endowment Fund.....	\$5,331.25
John Farnum Memorial Fund.....	1,862.86
John M. Whitall Fund.....	485.61
David Scull Fund.....	2,028.10
Edward L. Scull Fund.....	519.15
Wistar Morris Memorial Fund.....	234.76
Israel Franklin Whitall Fund.....	541.61
Jacob P. Jones Endowment Fund.....	60,294.63
John Farnum Brown Fund.....	12,333.75
Ellen Waln Fund.....	543.75
Clementine Cope Endowment Fund.....	844.18
Nathan Branson Hill Fund.....	9.40
Joseph E. Gillingham Fund.....	2,569.39
Henry Norris Fund.....	237.16
Elizabeth H. Farnum Fund.....	590.92
James R. Magee Fund.....	424.21
Albert K. Smiley Fund.....	44.81
Hinchman Astronomical Fund.....	452.42
Walter D. and Edith M. L. Scull Fund....	8,322.38
Albin Garrett Memorial Fund.....	1,385.82
Arnold Chase Scattergood Memorial Fund.	1,249.50
Francis B. Gummere Memorial Fund.....	6,244.24
Isaac Sharpless Memorial Fund.....	8,633.44
General Education Board Fund (including \$2,089.91 donated).....	6,398.86
Haverford Improvement Fund.....	936.01
	<hr/>
	\$122,518.21
Forward.....	\$122,518.21

HAVERFORD COLLEGE

Forward.....	\$122,518.21	
<i>Income from Fund for Thomas Wistar Brown Graduate School:</i>		
Moses Brown Fund.....		17,331.38
<i>Income from Funds for Morris Infirmary:</i>		
Infirmary Endowment Fund.....	\$465.39	
John W. Pinkham Fund.....	134.30	
	<hr/>	599.69
<i>Income from Fund for Haverford Union:</i>		
Haverford Union Fund.....		88.69
<i>Income from Funds for Scholarships:</i>		
Thomas P. Cope Fund.....	\$292.78	
Edward Yarnall Fund.....	417.49	
Isaiah V. Williamson Fund.....	1,078.14	
Richard T. Jones Scholarship Fund.....	276.68	
Mary M. Johnson Scholarship Fund.....	403.96	
Sarah Marshall Scholarship Fund.....	395.64	
Clementine Cope Fellowship Fund.....	1,236.76	
Isaac Thorne Johnson Scholarship Fund. .	269.05	
Caspar Wistar Memorial Scholarship Fund	245.00	
Walter Carroll Brinton Memorial Fund....	299.14	
	<hr/>	4,914.64
<i>Income from Funds for the Library:</i>		
Alumni Library Fund.....	\$835.77	
Mary Farnum Brown Library Fund.....	3,645.23	
William H. Jenks Library Fund.....	289.10	
Mary Wistar Brown Williams Library Fund	955.83	
Anna Yarnall Fund.....	601.58	
F. B. Gummere Library Fund.....	25.28	
Edmund Morris Fergusson, Jr., Memorial Fund.....	54.25	
	<hr/>	6,407.04
Forward	\$151,859.65	

TREASURER'S REPORT

Forward \$151,859.65

Income from Funds for Pensions:

President Sharpless Fund.....	\$2,390.02	
William P. Henszey Fund.....	1,804.85	
Jacob P. Jones Benefit Fund.....	3,540.87	
Pliny Earle Chase Memorial Fund.....	215.60	
Haverford College Pension Fund.....	3,504.68	
		11,456.02

Income from Funds for Special Purposes:

Thomas Shipley Fund.....	\$232.43	
Elliston P. Morris Fund.....	46.85	
John B. Garrett Reading Prize Fund.....	4.06	
Special Endowment Fund.....	490.00	
Elizabeth P. Smith Fund.....	45.40	
Scholarship Improvement Prize Fund.....	98.00	
S. P. Lippincott History Prize Fund.....	98.00	
Francis Stokes Fund.....	208.24	
George Peirce Prize Fund.....	53.90	
		1,276.88

Total income from all the funds..... \$164,592.55

Income from College Sources:

Board and Tuition:

Cash..... \$103,410.32

Scholarships and Fellowships
(excluding New York dona-

tion)..... 13,950.00

\$117,360.32

Board and Tuition for 1923-1924..... 3,510.00

Re-examination fees..... 715.00

Infirmary..... 1,621.73

Union..... 520.00

Library..... 231.94

Biological Laboratory..... 525.40

Forward..... \$124,484.39 \$164,592.55

HAVERFORD COLLEGE

Forward.....	\$124,484.39	\$164,592.55
Chemical Laboratory.....	1,250.78	
Physical Laboratory.....	616.50	
Machine Shop and Drawing Room.....	485.24	
Board of Professors.....	2,356.43	
Rents.....	4,743.50	
Stationery.....	626.71	
Skating Pond.....	.01	
Farm.....	728.81	
	<hr/>	135,292.37
<i>Receipts for Account of Previous Years.....</i>		50.00
<i>Insurance Collected:</i>		
For Barclay Hall Fire.....	\$1,118.38	
Infirmary Fire.....	30.00	
	<hr/>	1,148.38
<i>Donations:</i>		
For Prizes.....	\$60.00	
Books, etc.....	40.71	
Extension Committee.....	48.95	
Class of 1924 Piano.....	219.95	
New York State Scholarship.....	200.00	
Campus Club.....	379.68	
Shrubs.....	250.00	
Salaries.....	1,600.00	
Athletic Coach.....	1,000.00	
Quakeriana.....	625.00	
Summer School.....	100.00	
Undesignated Purpose.....	25.00	
	<hr/>	4,549.29
<i>Additions to the Funds:</i>		
Israel Franklin Whitall Fund.....	\$27.00	
Jacob P. Jones Endowment Fund.....	85,159.50	
John Farnum Brown Fund.....	18.00	
	<hr/>	
Forward.....	\$85,204.50	\$305,632.59

TREASURER'S REPORT

Forward.....	\$85,204.50	\$305,632.59
Walter D. and Edith M. L. Scull Fund....	2,771.67	
Francis B. Gummere Memorial Fund, donated.....	\$5,365.00	
Less campaign expenses....	5,000.00	
	<hr/>	365.00
Isaac Sharpless Memorial Fund, donated.....	\$42,486.58	
Less campaign expenses ...	4,000.00	
	<hr/>	38,486.58
General Education Board Fund.....	29,295.24	
Anna Yarnall Fund.....	174,840.91	
President Sharpless Fund.....	25.00	
	<hr/>	330,988.90
<i>Investments paid off or sold:</i>		
General Endowment Fund.....	\$15,275.00	
John Farnum Memorial Fund.....	3,000.00	
John M. Whitall Fund.....	2,000.00	
Israel Franklin Whitall Fund.....	900.00	
Jacob P. Jones Endowment Fund.....	61,650.00	
John Farnum Brown Fund.....	600.00	
Walter D. and Edith M. L. Scull Fund....	13,100.00	
Francis B. Gummere Memorial Fund.....	6,360.00	
Isaac Sharpless Memorial Fund.....	1,490.00	
Moses Brown Fund.....	2,000.00	
John W. Pinkham Fund.....	5,000.00	
Isaiah V. Williamson Fund.....	1,500.00	
Mary Farnum Brown Library Fund.....	5,000.00	
Mary Wistar Brown Williams Library Fund	3,000.00	
Anna Yarnall Fund.....	3,000.00	
Edmund Morris Fergusson, Jr., Memorial Fund.....	50.00	
President Sharpless Fund.....	2,000.00	
Jacob P. Jones Benefit Fund.....	2,400.00	
Haverford College Pension Fund.....	4,200.00	
	<hr/>	132,525.00
Forward.....	\$769,146.49	

HAVERFORD COLLEGE

Forward.....	\$769,146.49	
<i>Money borrowed temporarily.....</i>		2,100.00
<i>Balances, Ninth Month, 1922:</i>		
In President's account.....	\$7,000.00	
In Treasurer's account.....	46,680.13	
	<hr/>	53,680.13
		<hr/>
		\$824,926.62
		<hr/> <hr/>

EXPENDITURES

Expenses of Running the College:

Salaries.....	\$112,905.00	
Provisions.....	36,323.85	
Wages.....	26,005.65	
Family Expenses and Furniture.....	7,862.15	
Fuel and Lights.....	19,100.14	
Lawn and Garden.....	6,115.30	
Infirmary.....	2,363.99	
Union.....	312.43	
Library.....	2,073.29	
Biological Laboratory.....	686.25	
Chemical Laboratory.....	2,055.59	
Physical Laboratory.....	595.80	
Machine Shop and Drawing Room.....	958.33	
Gymnasium and Athletics.....	6,652.24	
Printing and Advertising.....	3,100.84	
Entertainment Expense.....	403.15	
	<hr/>	227,514.00
<i>Repairs and Improvements:</i>		
New 8-inch Fire Main and Hydrants...	\$6,298.70	
New Sewer for College Lane Houses...	1,949.19	
	<hr/>	
Forward.....	\$8,247.89	\$227,514.00

TREASURER'S REPORT

Forward.....	\$8,247.89	\$227,514.00
New Sewer to Ardmore Ave., on account	91.04	
New Barn, on account.....	8,192.42	
General Repairs, etc.....	14,523.13	
	<hr/>	31,054.48
Interest.....	\$91.94	
Taxes.....	7,232.71	
Insurance.....	4,697.31	
Incidentals.....	783.40	
	<hr/>	12,805.36
<i>For Thomas Wistar Brown Graduate School:</i>		
Expenses other than Salaries from Income of Moses		
Brown Fund.....		8,850.61
		<hr/>
Total expenses of running the College.....	\$280,224.45	
<i>For Fellowships and Scholarships:</i>		
From Income:		
General Endowment Fund.....	\$225.00	
Jacob P. Jones Endowment Fund.	9,100.00	
Joseph E. Gillingham Fund.....	800.00	
Thomas P. Cope Fund.....	400.00	
Edward Yarnall Fund.....	400.00	
Isaiah V. Williamson Fund.....	1,050.00	
Richard T. Jones Scholarship Fund.....	250.00	
Mary M. Johnson Scholarship Fund....	450.00	
Sarah Marshall Scholarship Fund.....	350.00	
Clementine Cope Fellowship Fund:		
One Fellowship at Cornell....	\$500.00	
Two Teaching Fellowships at		
Haverford.....	600.00	
	<hr/>	1,100.00
Caspar Wistar Memorial Scholarship		
Fund.....	400.00	
Walter Carroll Brinton Memorial Fund..	225.00	
	<hr/>	14,750.00
Forward.....	\$294,974.45	

HAVERFORD COLLEGE

Forward..... \$294,974.45

Expenditures from Library Funds:

From income of Alumni Library Fund, all
used for general Library expense, in-
cluded above under Library:

Books, etc., from income of Mary Farnum Brown Library Fund.....	\$3,130.44	
Lectures from income of Mary Farnum Brown Library Fund.....	475.00	
Books from income of William H. Jenks Library Fund.....	374.96	
Books from income of Mary Wistar Brown Williams Library Fund.....	879.66	
Taxes and Expenses from income of Anna Yarnall Fund.....	1,318.49	
Books from income of F. B. Gummere Library Fund.....	40.11	
Books from income of Edmund Morris Fergusson, Jr., Memorial Fund.....	41.64	
Books from income of Walter D. and Edith M. L. Scull Fund.....	3,293.14	
	<hr/>	9,553.44

Pensions:

Annuity from income of Pliny Earle Chase Memorial Fund.....	\$100.00	
Pensions.....	5,952.00	
	<hr/>	6,052.00

Expenditures from Funds for Special Purposes:

Prizes from income of John Farnum Brown Fund.....	\$195.00	
Lectures from income of Thomas Shipley Fund.....	250.00	
Summer School expenses from income of Special Endowment Fund.....	397.07	
	<hr/>	
Forward.....	\$842.07	\$310,579.89

TREASURER'S REPORT

Forward.....	\$842.07	\$310,579.89
Essays on Religious Fundamentals from income Special Endowment Fund.....	500.00	
Prizes from income of Scholarship Improve- ment Prize Fund.....	95.00	
Prize from income of S. P. Lippincott His- tory Prize Fund.....	100.00	
Shrubs, etc., from income of Francis Stokes Fund.....	272.43	
Prize from income of George Peirce Prize Fund.....	25.00	
	<hr/>	1,834.50
<i>Paid out of Donations:</i>		
For Prizes.....	\$160.00	
Books, etc., for Library.....	40.71	
Class of 1924 Piano.....	509.84	
New York State Scholarship.....	200.00	
Campus Club.....	480.77	
Quakeriana Collection.....	610.00	
Summer School.....	100.00	
Sharpless Hall Equipment.....	189.63	
	<hr/>	2,290.95
Coal bought for 1923-1924.....		9,121.39
Insurance appraisal belonging to 1921-1922.....		50.00
Insurance prepaid until April 30, 1928.....		10,922.60
Temporary Loans paid off.....		2,100.00
<i>Investments made or donated:</i>		
General Endowment Fund.....	\$22,500.00	
John Farnum Memorial Fund.....	6,700.00	
Jacob P. Jones Endowment Fund.....	142,777.50	
John Farnum Brown Fund.....	469.25	
Joseph E. Gillingham Fund.....	5,000.00	
	<hr/>	
Forward.....	\$177,446.75	\$336,899.33

HAVERFORD COLLEGE

Forward	\$177,446.75	\$336,899.33
James P. Magee Fund	136.00	
Walter D. and Edith M. L. Scull Fund . . .	13,639.50	
Albin Garrett Memorial Fund	337.25	
Francis B. Gummere Memorial Fund	4,500.00	
Isaac Sharpless Memorial Fund	35,800.00	
General Education Board Fund	28,800.00	
Infirmity Endowment Fund	3,000.00	
John W. Pinkham Fund	5,000.00	
Isaiah V. Williamson Fund	1,500.00	
Isaac Thorne Johnson Scholarship Fund . .	412.00	
Alumni Library Fund	341.00	
Mary Farnum Brown Library Fund	5,000.00	
Mary Wistar Brown Williams Library Fund	3,000.00	
Anna Yarnall Fund	164,500.00	
F. B. Gummere Library Fund	500.00	
President Sharpless Fund	1,997.50	
	<hr/>	445,910.00
<i>Balances, Eighth Month 31, 1923:</i>		
In President's account	\$7,084.62	
In Treasurer's account	35,032.67	
	<hr/>	42,117.29
		<hr/>
		\$824,926.62
		<hr/> <hr/>

FINANCIAL STATEMENT

FOR THE YEAR ENDING EIGHTH MONTH 31, 1923

Expenses of running the College as per the foregoing statement of the Treasurer.....	\$280,224.45
Net cash receipts for board and tuition, rents and from all other sources connected with the business of the College	138,777.10
	<hr/>
Leaving a deficiency.....	\$141,447.35
Income from investments and donations applicable to Scholarships and running expenses.....	142,261.84
	<hr/>
Net surplus for the year.....	\$814.49

STATEMENT OF CORPORATION ACCOUNT

FOR THE YEAR ENDING EIGHTH MONTH 31, 1923

Balance on hand Ninth Month 1, 1922.....	\$138.88
To which is added:	
Net gain for the year.....	\$814.49
Receipts for account previous years.....	50.00
	<hr/>
	\$864.49
Less expenditures for account of previous years (overdraft in Alumni Library Fund) ..	425.24
	<hr/>
Net addition for the year.....	439.25
	<hr/>
Balance on Eighth Month 31, 1923.....	\$578.13

NOTE.—The undivided shares in the College Lane real estate remain the same as last year, viz:

General Endowment Fund.....	\$2,000.00
Jacob P. Jones Endowment Fund.....	76,000.00
Francis B. Gummere Memorial Fund.....	5,000.00
Isaac Sharpless Memorial Fund.....	24,000.00
W. D. and E. M. L. Scull Fund.....	40,000.00
Haverford Improvement Fund (for the Corporation).....	28,000.00
	<hr/>
	\$175,000.00

The Corporation has no debt.

REPORT ON EACH FUND

GENERAL ENDOWMENT FUND

Established 1847, and increased from time to time since

Par value of invested funds.....	\$105,625.00
Principal uninvested.....	5,849.52
<hr/>	
Total fund.....	\$111,474.52
Income received during the year.....	5,331.25
Income appropriated for one scholarship.....	\$225.00
Income appropriated for College expenses....	5,106.25
<hr/>	
	\$5,331.25

JOHN FARNUM MEMORIAL FUND

Established 1878, and increased by Legacy of Elizabeth H. Farnum in 1899

The principal of this Fund is held in the names of three Trustees, Asa S. Wing, Charles J. Rhoads and Frederic H. Strawbridge.

Par value of invested funds.....	\$40,200.00
Principal uninvested.....	3,029.73
<hr/>	
Total fund.....	\$43,229.73
Income received during the year.....	1,862.86
Paid toward support of Chair endowed by this fund.....	1,862.86

JOHN M. WHITALL FUND

Founded in 1880

Par value of invested funds.....	\$9,000.00
Principal uninvested.....	2,012.59
<hr/>	
Total fund.....	\$11,012.59
Income received during the year.....	485.61
Income appropriated for salaries.....	485.61

TREASURER'S REPORT

DAVID SCULL FUND

Founded 1885

Par value of invested funds.....	\$48,200.00
Principal uninvested.....	154.84
<hr/>	
Total fund.....	\$48,354.84
Income received during the year.....	2,028.10
Income appropriated for salaries.....	2,028.10

EDWARD L. SCULL FUND

Founded 1885

Par value of invested funds.....	\$12,100.00
Principal uninvested.....	289.63
<hr/>	
Total fund.....	\$12,389.63
Income received during the year.....	519.15
Income appropriated for salaries.....	519.15

WISTAR MORRIS MEMORIAL FUND

Founded 1892

Par value of invested funds.....	\$5,200.00
Principal uninvested.....	61.74
<hr/>	
Total fund.....	\$5,261.74
Income received during the year.....	234.76
Income appropriated for salaries.....	234.76

ISRAEL FRANKLIN WHITALL FUND

Founded 1896

Amount of fund at beginning of year.....	\$12,830.17
Added to during the year:	
From premium on bond paid off.....	27.00
<hr/>	
Amount of fund at end of year.....	\$12,857.17
Par value of invested funds.....	\$11,900.00
Principal uninvested.....	957.17
<hr/>	
Total fund.....	\$12,857.17
Income received during the year.....	541.61
Income appropriated for salaries.....	541.61

HAVERFORD COLLEGE

JACOB P. JONES ENDOWMENT FUND

Founded 1897

Amount of fund at beginning of year.....	\$1,104,548.62	
Added during the year:		
From sale of land.....	\$63,360.00	
Premium on bond redeemed.....	99.50	
Stock dividend received.....	21,700.00	
Increase in shares in exchange of Bank of North America.....	1,500.00	
	<hr/>	
	\$86,659.50	
Less variation above par of investment bought.....	177.50	
	<hr/>	86,482.00
Amount of fund at end of year.....	\$1,191,030.62	
Par value of invested funds.....	\$1,186,839.00	
Principal uninvested.....	4,191.62	
	<hr/>	
Total fund.....	1,191,030.62	
Income received during the year.....	60,294.63	
Income appropriated for scholarships.....	\$9,100.00	
Income appropriated for general expenses....	51,194.63	
	<hr/>	60,294.63

JOHN FARNUM BROWN FUND FOR THE STUDY OF THE BIBLE, BIBLICAL HISTORY AND LITERATURE, PHILOSOPHY AND KINDRED SUBJECTS

Founded 1900 and increased later

Amount of fund at beginning of the year.....	\$290,379.39	
Added during the year:		
From premium on bond redeemed.....	\$18.00	
Variation below par of bonds bought....	230.75	
Income transferred to principal.....	1,238.75	
	<hr/>	\$1,487.50
Amount of fund at end of year.....	\$291,866.89	

TREASURER'S REPORT

Par value of invested funds.	\$290,400.00	
Principal uninvested.	1,466.89	
		<hr/>
Total fund.	291,866.89	
Income received during the year.	12,333.75	
Income appropriated for salaries.	\$10,900.00	
Income paid for prizes.	195.00	
Income transferred to principal.	1,238.75	
		<hr/>
	\$12,333.75	

ELLEN WALN FUND

Founded 1900

Par value of invested funds.	\$12,000.00	
Principal uninvested.	238.10	
		<hr/>
Total fund.	\$12,238.10	
Income received during the year.	543.75	
Income appropriated for general expenses.	543.75	

CLEMENTINE COPE ENDOWMENT FUND

Founded 1904

Par value of invested funds.	\$31,500.00	
Principal uninvested.	34.25	
		<hr/>
Total fund.	\$31,534.25	
Income received during the year.	844.18	
Income appropriated for general expenses.	844.18	

NATHAN BRANSON HILL TRUST

*Fund established in 1904, held in Trust by Minneapolis Trust Company,
Minneapolis, Minn.*

Income received during the year.	\$9.40
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HAVERFORD COLLEGE

JOSEPH E. GILLINGHAM FUND

Founded 1907

Par value of invested funds.....	\$54,000.00
Principal uninvested.....	61.39
<hr/>	
Total fund.....	\$54,061.39
Income received during the year.....	2,569.39
Income appropriated for scholarships.....	\$800.00
Income appropriated for general expenses....	1,769.39
<hr/>	
	2,569.39

HENRY NORRIS FUND

Founded 1907

Par value of invested funds.....	\$6,000.00
Principal uninvested.....	48.70
<hr/>	
Total fund.....	\$6,048.70
Income received during the year.....	237.16
Income appropriated for general expenses.....	237.16

ELIZABETH H. FARNUM FUND

Founded 1891

The principal of this Fund is held in trust by The Provident Trust Company of Philadelphia. The first income accrued to the College in 1914.

Par value of invested funds.....	\$10,000.00
Principal uninvested.....	220.00
<hr/>	
Total fund.....	\$10,220.00
Income received during the year.....	590.92
Income appropriated for general expenses.....	590.92

TREASURER'S REPORT

JAMES R. MAGEE FUND

Founded 1915

Amount of fund at beginning of the year.....	\$10,787.37
Added to during the year:	
By variation below par of bond bought.....	64.00
	<hr/>
Amount of fund at end of the year.....	\$10,851.37
Par value of invested funds.....	\$10,800.00
Principal uninvested.....	51.37
	<hr/>
Total fund.....	\$10,851.37
Income received during the year.....	424.21
Income appropriated for general expenses.....	424.21

ALBERT K. SMILEY FUND

Founded 1915

Par value of invested funds.....	\$1,000.00
Principal uninvested.....	17.50
	<hr/>
Total fund.....	\$1,017.50
Income received during the year.....	44.81
Income appropriated for general expenses.....	44.81

THE HINCHMAN ASTRONOMICAL FUND

Founded 1917

Par value of invested funds.....	\$11,000.00
Principal uninvested.....	40.10
	<hr/>
Total fund.....	\$11,040.00
Income received during the year.....	452.42
Income appropriated for salary of Astronomical professor- ship.....	452.42

HAVERFORD COLLEGE

WALTER D. AND EDITH M. L. SCULL FUND

Founded 1918 by legacies from Walter D. and Edith M. L. Scull

Amount of fund at beginning of the year.....	\$133,531.97
Added during the year:	
Stock dividend received.....	\$2,616.67
Liquidation of investment not heretofore valued.....	155.00
Premium on bonds redeemed.....	200.00
Variation below par of bonds bought...	10.50
	<hr/> \$2,982.17
Less discount on bond sold.....	200.00
	<hr/> 2,782.17
	<hr/> \$136,314.14
Par value of invested funds.....	\$134,035.00
Principal uninvested.....	2,279.14
	<hr/>
Total fund.....	\$136,314.14
Income appropriated for salary, books, etc..	\$9,293.14
Income received during the year.....	8,322.38
	<hr/>
Income overdrawn at end of the year.....	\$970.76

ALBIN GARRETT MEMORIAL FUND

Founded 1919

Amount of fund at beginning of year.....	\$36,346.00
Added to during the year:	
By variation below par of bonds bought	162.75
	<hr/>
Amount of fund at end of year.....	\$36,508.75
Par value of invested funds.....	\$36,500.00
Principal uninvested.....	8.75
	<hr/>
Total fund.....	\$36,508.75
Income received during the year.....	1,385.82
Income appropriated for general purposes.....	1,385.82

TREASURER'S REPORT

ARNOLD CHASE SCATTERGOOD MEMORIAL FUND

Founded 1919

Par value of fund, all invested	\$30,000.00
Income received during the year.....	1,249.50
Income appropriated for salaries.....	1,249.50

FRANCIS B. GUMMERE MEMORIAL FUND

Founded 1920

Amount of fund at beginning of the year.....	\$141,220.85
Added to during the year:	
By donations.....	\$5,365.00
Less share of campaign expenses on account.....	5,000.00
	<hr/> 365.00

Amount of fund at end of year.....	\$141,585.85
Par value of invested funds.....	\$ 139,100.00
Principal uninvested.....	2,485.85

Total fund.....	141,585.85
Income received during the year.....	6,244.24
Appropriated for salaries.....	6,244.24

ISAAC SHARPLESS MEMORIAL FUND

Founded 1920

Amount of fund at beginning of the year.....	\$172,115.38
Added to during the year:	
By donations.....	\$42,486.58
Less share of campaign expenses on account.....	4,000.00
	<hr/> 38,486.58

Amount of fund at end of year.....	\$210,601.96
Par value of invested funds.....	\$196,075.00
Principal uninvested.....	14,526.96

Total fund.....	210,601.96
Income received during the year.....	8,633.44
Appropriated for salaries.....	8,633.44

HAVERFORD COLLEGE

GENERAL EDUCATION BOARD FUND

In 1920 the General Education Board appropriated \$125,000 to Haverford toward the campaign for \$500,000 increase of Endowment Funds. The principal has been turned over to the Corporation in proportion to the donations paid in to the \$500,000 Campaign Fund.

Amount of fund at beginning of the year....	\$61,072.95	
Added during the year:		
By donations from General Education Board.....	29,295.24	
		<hr/>
Amount of fund at end of year.....		\$90,368.19
Par value of invested funds.....	\$90,000.00	
Principal uninvested.....	568.19	
		<hr/>
		90,568.19
Income received for General Education Board	\$2,089.91	
Income received from Investments.....	4,308.95	
		<hr/>
Total income received during the year.....		\$6,398.86
Appropriated for salaries.....		6,398.86

HAVERFORD IMPROVEMENT FUND

Founded 1922.

This fund was opened in 1922 to hold the Corporation's undivided interest in the College Lane land and houses.

Par value of undivided share College Lane properties....	\$28,000.00
Income received during the year.....	936.01
Income appropriated to general purposes.....	936.01

INFIRMARY ENDOWMENT FUND

Founded 1911

Par value of invested funds.....	\$9,750.00
Principal uninvested.....	.94
	<hr/>
Total fund.....	\$9,750.94
Income received during the year.....	465.39
Income appropriated to maintenance of Infirmary.....	465.39

TREASURER'S REPORT

MOSES BROWN FUND

*Trust founded by T. Wistar Brown in 1906 and transferred to the College
in 1916*

Amount of fund at beginning of the year.... \$405,251.14

Added during the year:

By income transferred to principal..... 1,780.77

Amount of fund at end of year..... \$407,031.91

Par value of invested funds..... \$403,100.00

Principal uninvested..... 3,931.91

Total fund..... 407,031.91

Income received during the year..... 17,331.38

Income appropriated for salaries..... \$6,700.00

Income appropriated for special lectures.... 700.00

Income appropriated for School of Oriental
Research..... 100.00

Income appropriated for American Council
of Education..... 100.00

Income appropriated for rent..... 2,000.00

Income appropriated for scholarships..... 450.00

Income appropriated for household expenses. 5,380.41

Income appropriated for printing and adver-
tising..... 120.20

Total expenditures..... \$15,550.61

Income transferred to principal..... 1,780.77

\$17,331.38

JOHN W. PINKHAM FUND

Founded 1911

Par value of invested funds..... \$5,000.00

Principal uninvested..... 59.50

Total fund..... \$5,059.50

Income received during the year..... 134.30

Income appropriated to maintenance of Infirmary..... 134.30

HAVERFORD COLLEGE

HAVERFORD UNION FUND

Founded 1920

Par value of invested funds.....	\$2,000.00
Principal uninvested.....	12.09
<hr/>	
Total fund.....	\$2,012.09
Income received during the year.....	88.69
Income appropriated to maintenance of the Union.....	88.69

THOMAS P. COPE FUND

Founded 1842

Par value of invested funds.....	\$6,000.00
Principal uninvested.....	142.69
<hr/>	
Total fund.....	\$6,142.69
Income on hand at beginning of the year ...	\$148.37
Income received during the year.....	292.78
<hr/>	
	441.15
Income appropriated for two Thomas P. Cope Scholarships	400.00
<hr/>	
Income on hand at end of year.....	\$41.15

EDWARD YARNALL FUND

Founded 1860

Par value of invested funds.....	\$6,600.00
Principal uninvested.....	12.60
<hr/>	
Total fund.....	\$6,612.60
Income on hand at beginning of the year ...	\$143.82
Income received during the year.....	417.49
<hr/>	
	561.31
Income appropriated for three Edward Yarnall Scholarships.....	400.00
<hr/>	
Income on hand at end of year.....	\$161.31

TREASURER'S REPORT

ISAIAH V. WILLIAMSON FUND

Founded 1876 and increased 1883

Par value of invested funds.....	\$23,300.00
Principal uninvested.....	130.88
<hr/>	
Total fund.....	\$23,430.88
Balance on hand at beginning of year.....	\$36.70
Income received during the year.....	1,078.14
<hr/>	
	\$1,114.84
Income appropriated for two I. V. Williamson Scholarships	1,050.00
<hr/>	
Income on hand at end of year.....	\$64.84

RICHARD T. JONES SCHOLARSHIP FUND

Founded by Will of Jacob P. Jones, 1885

Par value of invested funds.....	\$5,000.00
Principal uninvested.....	56.25
<hr/>	
Total fund.....	\$5,056.25
Income on hand at beginning of year.....	\$49.42
Income received during the year.....	276.68
<hr/>	
	326.10
Paid for one Richard T. Jones Scholarship.....	250.00
<hr/>	
Income on hand at end of year.....	\$76.10

MARY M. JOHNSON SCHOLARSHIP FUND

Founded 1897

Par value of invested funds.....	\$9,000.00
Principal uninvested.....	53.35
<hr/>	
Total fund.....	\$9,053.35
Income on hand at beginning of year.....	\$159.89
Income received during the year.....	403.96
<hr/>	
	563.85
Income appropriated for four Mary M. Johnson Scholarships.....	450.00
<hr/>	
Income on hand at end of year.....	\$113.85

HAVERFORD COLLEGE

SARAH MARSHALL SCHOLARSHIP FUND

Founded 1897

Par value of invested funds.....	\$8,000.00
Principal uninvested.....	19.99
	<hr/>
Total fund.....	\$8,019.99
Income on hand at beginning of the year . . .	\$75.51
Income received during the year.....	395.14
	<hr/>
	471.15
Paid for three Sarah Marshall Scholarships.....	350.00
	<hr/>
Income on hand at end of the year.....	\$121.15

CLEMENTINE COPE FELLOWSHIP FUND

Founded 1899

Par value of invested funds.....	\$27,400.00
Principal uninvested.....	2.93
	<hr/>
Total fund.....	\$27,402.93
Income on hand at beginning of the year....	\$384.39
Income received during the year.....	1,236.76
	<hr/>
	1,621.15
Income appropriated for Clementine Cope Fellowships:	
One at Cornell.....	\$500.00
Two Teaching Fellowships at Haverford..	600.00
	<hr/>
	1,100.00
	<hr/>
Income on hand at end of year.....	\$521.15

CASPAR WISTAR MEMORIAL SCHOLARSHIP FUND

Founded 1920

Par value of funds, all invested.....	\$5,000.00
Income on hand at beginning of year.....	\$170.00
Income received during the year.....	245.00
	<hr/>
	415.00
Income appropriated for Caspar Wistar Memorial Scholarship.....	400.00
	<hr/>
Income on hand at end of year.....	\$15.00

TREASURER'S REPORT

ISAAC THORNE JOHNSON SCHOLARSHIP FUND

Founded 1916

Amount of fund at beginning of the year.....	\$5,621.96
Added during the year:	
By income transferred to principal.....	\$269.05
By variation below par of bonds bought	188.00
	<hr/> 457.05
Amount of fund at end of the year.....	\$6,079.01
Par value of invested funds.....	\$5,600.00
Principal uninvested.....	479.01
	<hr/>
Total fund.....	\$6,079.01
Income received during the year.....	269.05
Income transferred to principal.....	269.05

WALTER CARROLL BRINTON MEMORIAL FUND

Founded 1920

Par value of invested funds.....	\$5,100.00
Principal uninvested.....	6.10
	<hr/>
Total fund.....	\$5,106.13
Income received during the year.....	299.14
Income overspent at beginning of year.....	\$54.25
Income appropriated for Walter Carroll Brin-	
ton Memorial Scholarship.....	225.00
	<hr/> 279.25
Income on hand at end of year.....	\$19.89

ALUMNI LIBRARY FUND

Established by the Alumni Association, 1863

Amount of fund at beginning of the year.....	\$19,260.78
Added during the year:	
By variation below par of bonds bought.....	159.00
	<hr/>
Amount of fund at end of the year.....	\$19,419.78

HAVERFORD COLLEGE

Par value of invested funds.....	\$19,400.00	
Principal uninvested.....	19.78	
		<hr/>
Total fund.....		\$19,419.78
Income overspent at beginning of year.....	\$425.24	
Appropriated for binding, etc.....	835.77	
		<hr/>
		1,261.01
Income received during the year.....	\$835.77	
Appropriated from College funds to pay off overdraft	425.24	
		<hr/>
		\$1,261.01

MARY FARNUM BROWN LIBRARY FUND

Founded 1892

Par value invested funds.....	\$85,300.00	
Principal uninvested.....	20.69	
		<hr/>
Total fund.....		\$85,320.69
Income overspent at beginning of year.....	\$81.54	
Income appropriated for books, etc.....	3,130.44	
Income appropriated for lectures.....	475.00	
		<hr/>
		\$3,686.98
Income received during the year.....		3,645.23
		<hr/>
Income overspent at end of year.....		\$41.75

WILLIAM H. JENKS LIBRARY FUND

Founded 1910

Par value of invested funds.....	\$6,100.00	
Principal uninvested.....	2.12	
		<hr/>
Total fund.....		\$6,102.12
Income on hand at beginning of the year...	\$253.61	
Income received during the year.....	289.10	
		<hr/>
		542.71
Income used for purchase of books, etc.....		374.96
		<hr/>
Income on hand at end of year.....		\$167.75

TREASURER'S REPORT

MARY WISTAR BROWN WILLIAMS LIBRARY FUND

Founded 1914

Par value of invested funds.....	\$20,000.00
Principal uninvested.....	331.74
<hr/>	
Total fund.....	\$20,331.74
Income on hand at beginning of year.....	\$61.01
Income received during the year.....	955.83
<hr/>	
	1,016.84
Income appropriated for books, etc.....	879.66
<hr/>	
Income on hand at end of year.....	\$137.18

ANNA YARNALL FUND

Founded 1916

Amount of fund at beginning of the year.....	\$10,043.12
Added to during the year:	
From sale of land.....	\$174,820.50
By liquidation of investment not heretofore valued.....	20.41
<hr/>	
	174,840.91
<hr/>	
Amount of fund at end of the year.....	\$184,884.03
Par value of invested funds.....	\$171,500.00
Principal uninvested.....	13,384.03
<hr/>	
Total fund.....	\$184,884.03
Income appropriated for taxes, etc.....	1,318.49
Income on hand at beginning of year.....	\$89.72
Income received during the year.....	601.58
<hr/>	
	691.30
<hr/>	
Income overdrawn at end of year.....	\$627.91

F. B. GUMMERE LIBRARY FUND

Founded 1920

Par value of invested funds.....	\$600.00
Principal uninvested.....	35.47
<hr/>	
Total fund.....	\$635.47

HAVERFORD COLLEGE

Income appropriated for books.....		\$40.11
Income on hand at end of year.....	\$3.81	
Income received during the year.....	25.28	
		29.09
Income overdrawn at end of year.....		\$11.02

EDMUND MORRIS FERGUSON JR. CLASS OF 1920 MEMORIAL FUND

Founded 1920

Par value of invested funds.....		\$950.00
Principal uninvested.....		50.00
		\$1,000.00
Total fund.....		
Income on hand at beginning of year.....	\$19.13	
Income received during the year.....	54.25	
		73.38
Income appropriated for books.....		41.64
		\$31.74
Income on hand at end of year.....		

PRESIDENT SHARPLESS FUND

Founded 1907

Amount of fund at beginning of year.....		\$46,584.91
Added to during the year:		
Variation below par of bond bought....	\$2.50	
Premium on bonds redeemed.....	25.00	
		27.50
Amount of fund at end of year.....		\$46,612.41
Par value of invested funds.....	\$46,500.00	
Principal uninvested.....	112.41	
		46,612.41
Total fund.....		
Income received during the year.....		2,390.02
Income transferred to Haverford College Pension Fund		
Income.....		2,390.02

TREASURER'S REPORT

WILLIAM P. HENSZEY FUND

Founded 1908 by gift. Increased 1909 by legacy.

Par value of invested fund.....	\$36,400.00
Principal uninvested.....	294.66
<hr/>	
Total fund.....	\$36,694.66
Income received during the year.....	1,804.85
Income transferred to Haverford College Pension Fund	
Income.....	1,804.85

JACOB P. JONES BENEFIT FUND

Founded 1909 from proceeds of land sold for account Jacob P. Jones Legacy

Par value of invested funds.....	\$67,550.00
Principal uninvested.....	2,461.99
<hr/>	
Total fund.....	\$70,011.99
Income received during the year.....	3,540.87
Income transferred to Haverford College Pension Fund	
Income.....	3,540.87

PLINY EARLE CHASE MEMORIAL FUND

Founded 1909

Par value of invested funds.....	\$4,400.00
Principal uninvested.....	4.04
<hr/>	
Total fund.....	\$4,404.04
Income received during the year.....	215.60
Income paid to annuitant.....	\$100.00
Income transferred to Haverford College	
Pension Fund Income.....	115.60
<hr/>	
	215.60

HAVERFORD COLLEGE PENSION FUND

*Founded 1910 and added to since from accumulations of unused Income
from the different Pension Funds*

Amount of fund at beginning of the year.....	\$72,531.36
Added to during the year:	
By income transferred to principal.....	5,404.02
<hr/>	
Amount of fund at end of year.....	\$77,935.38

HAVERFORD COLLEGE

Par value of invested funds.....	\$68,400.00	
Less overinvested and due to the Corporation	9,535.38	
		<hr/>
Total fund.....		\$77,935.38
Income received during the year.....	\$3,504.68	
Income transferred from other Pension Funds	7,851.34	
		<hr/>
		11,356.02
Appropriated for pensions.....	\$5,952.00	
Income added to principal.....	5,404.02	
		<hr/>
		11,356.02

THOMAS SHIPLEY FUND

Founded 1904

Par value of invested funds.....	\$5,200.00	
Principal uninvested.....	52.60	
		<hr/>
Total fund.....		\$5,252.60
Income on hand at beginning of the year ...	\$478.31	
Income received during the year.....	232.43	
		<hr/>
		710.74
Income appropriated for lectures.....		250.00
		<hr/>
Income on hand at end of year.....		\$460.74

ELLISTON P. MORRIS FUND

Founded 1906

Par value of invested funds.....	\$1,000.00	
Principal uninvested.....	188.75	
		<hr/>
Total fund.....		\$1,188.75
Income on hand at beginning of year.....	\$293.68	
Income received during the year.....	46.85	
		<hr/>
		340.53
		<hr/>
Income on hand at end of year.....		\$340.53

TREASURER'S REPORT

JOHN B. GARRETT READING PRIZE FUND

Founded 1908

Par value of invested funds, less paid on account (all in default).....	\$1,900.00	
Principal uninvested.....	100.00	
		<hr/>
Total fund.....	\$2,000.00	
Income on hand at beginning of year.....	\$12.19	
Income received during the year.....	4.06	
		<hr/>
Income on hand at end of the year.....	16.25	

SPECIAL ENDOWMENT FUND

Founded 1909

Par value of funds, all invested.....	\$12,000.00	
Income on hand at beginning of the year....	\$983.21	
Income received during the year.....	490.00	
		<hr/>
	1,473.21	
Income appropriated for Essays on Religious Fundamentals.....	\$500.00	
Income appropriated for Summer School....	397.07	
		<hr/>
	897.07	
		<hr/>
Income on hand at end of year.....	\$576.14	

SCHOLARSHIP IMPROVEMENT PRIZE FUND

Founded 1913

Par value of funds, all invested.....	\$2,000.00	
Income on hand at beginning of the year....	\$21.00	
Income received during the year.....	98.00	
		<hr/>
	119.00	
Income appropriated for prizes.....	95.00	
		<hr/>
Income on hand at end of the year.....	\$24.00	

HAVERFORD COLLEGE

ELIZABETH P. SMITH FUND

Founded 1915

Par value of invested funds.....	\$1,000.00
Principal uninvested.....	32.00
	<hr/>
Total fund.....	\$1,032.00
Income on hand at beginning of the year....	\$229.13
Income received during the year.....	45.40
	<hr/>
Income on hand at end of the year.....	274.53

S. P. LIPPINCOTT HISTORY PRIZE FUND

Founded 1917

Par value of funds, all invested.....	\$2,500.00
Income on hand at beginning of year.....	\$239.00
Income received during the year.....	98.00
	<hr/>
	337.00
Income appropriated for prize.....	100.00
	<hr/>
Income on hand at end of year.....	\$237.00

FRANCIS STOKES FUND

Founded 1919

Par value of funds, all invested.....	\$5,000.00
Income on hand at beginning of year.....	\$311.25
Income received during the year.....	208.24
	<hr/>
	519.49
Income appropriated for shrubs, etc.....	272.43
	<hr/>
Income on hand at end of year.....	\$247.06

GEORGE PEIRCE PRIZE FUND

Founded in 1919. Increased in 1920

Par value of funds, all invested.....	\$1,000.00
Income on hand at beginning of year.....	\$84.75
Income received during the year.....	53.90
	<hr/>
	138.65
Income appropriated for prize.....	25.00
	<hr/>
Income on hand at end of year.....	\$113.65

SUMMARY OF THE FUNDS

Funds for General College Purposes:

General Endowment Fund.....	\$111,474.52
John Farnum Memorial Fund.....	43,229.73
John M. Whitall Fund.....	11,012.59
David Scull Fund.....	48,354.84
Edward L. Scull Fund.....	12,389.63
Wistar Morris Memorial Fund.....	5,261.74
Israel Franklin Whitall Fund.....	12,857.17
Jacob P. Jones Endowment Fund.....	1,191,030.62
John Farnum Brown Fund.....	291,866.89
Ellen Waln Fund.....	12,238.10
Clementine Cope Endowment Fund.....	31,534.25
Joseph E. Gillingham Fund.....	54,061.39
Henry Norris Fund.....	6,048.70
Elizabeth H. Farnum Fund.....	10,220.00
James R. Magee Fund.....	10,851.37
Albert K. Smiley Fund.....	1,017.50
Hinchman Astronomical Fund.....	11,040.10
Walter D. and Edith M. L. Scull Fund. .	136,314.14
Albin Garrett Memorial Fund.....	36,508.75
Arnold Chase Scattergood Memorial Fund	30,000.00
Francis B. Gummere Memorial Fund.....	141,585.85
Isaac Sharpless Memorial Fund.....	210,601.96
General Education Board Fund.....	90,368.19
Haverford Improvement Fund.....	28,000.00
	<hr style="width: 10%; margin-left: 0;"/>
	\$2,537,868.03

Fund for Thomas Wistar Brown Graduate School:

Moses Brown Fund.....	407,031.91
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Funds for Morris Infirmary:

Infirmary Endowment Fund.....	\$9,750.94
John W. Pinkham Fund.....	5,059.50
	<hr style="width: 10%; margin-left: 0;"/>
	14,810.44

Forward.....	\$2,959,710.38
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HAVERFORD COLLEGE

Forward.....\$2,959,710.38

Fund for the Union:

Haverford Union Fund..... 2,012.09

Funds for Scholarships:

Thomas P. Cope Fund.....	\$6,142.69	
Edward Yarnall Fund.....	6,612.60	
Isaiah V. Williamson Fund.....	23,430.88	
Richard T. Jones Scholarship Fund.....	5,056.25	
Mary M. Johnson Scholarship Fund.....	9,053.35	
Sarah Marshall Scholarship Fund.....	8,019.99	
Clementine Cope Fellowship Fund.....	27,402.93	
Isaac Thorne Johnson Scholarship Fund..	6,079.01	
Caspar Wistar Memorial Scholarship Fund	5,000.00	
Walter Carroll Brinton Memorial Fund...	5,106.13	
		101,903.83

Funds for the Library:

Alumni Library Fund.....	\$19,419.78	
Mary Farnum Brown Library Fund.....	85,320.69	
William H. Jenks Library Fund.....	6,102.12	
Mary Wistar Brown Williams Library Fund.....	20,331.74	
Anna Yarnall Fund.....	184,884.03	
F. B. Gummere Library Fund.....	635.47	
Edmund Morris Fergusson, Jr., Memorial Fund.....	1,000.00	
		317,693.83

Funds for Pensions:

President Sharpless Fund.....	\$46,612.41	
William P. Henszey Fund.....	36,694.66	
Jacob P. Jones Benefit Fund.....	70,011.99	
Pliny Earle Chase Memorial Fund.....	4,404.04	
Haverford College Pension Fund.....	77,935.38	
		235,658.48

Forward.....\$3,616,978.61

TREASURER'S REPORT

Forward.....\$3,616,978.61

Funds for Special Purposes:

Thomas Shipley Fund.....	\$5,252.60	
Elliston P. Morris Fund.....	1,188.75	
John B. Garrett Reading Prize Fund.....	2,000.00	
Special Endowment Fund.....	12,000.00	
Elizabeth P. Smith Fund.....	2,000.00	
Scholarship Improvement Prize Fund.....	1,032.00	
S. P. Lippincott History Prize Fund.....	2,500.00	
Francis Stokes Fund.....	5,000.00	
George Peirce Prize Fund.....	1,000.00	
		31,973.35

Total par value of all the Funds.....\$3,648,951.96

Being \$341,821.49 more than reported one year ago, as follows:

By additional donations from Alumni and friends of Haverford College to the Francis B. Gummere Memorial Fund \$5,365.00, less share of campaign expenses on account \$5,000.00..... \$365.00

By additional donations from Alumni and freinds of Haverford College to the Isaac Sharpless Memorial Fund \$42,486.58, less share of campaign expenses on account \$4,000.00..... 38,486.58

By additional donations from General Education Board on account of its pledge of \$125,000.00, to found the General Education Board Fund..... 29,295.24

\$68,146.82

By proceeds of sale of real estate:

Jacob P. Jones Endowment Fund.....	\$63,360.00	
Anna Yarnall Fund.....	174,820.50	
		238,180.50

Forward..... \$306,327.32

HAVERFORD COLLEGE

Forward	\$306,327.32	
By stock dividends received from Westmoreland Coal Co.	24,316.67	
By exchange of stock of Bank of North America.	1,500.00	
By liquidation of investments not heretofore valued.	175.41	
By premium on bonds redeemed less discounts on bond sold.....	169.50	
By income transferred to Principal account:		
John Farnum Brown Fund.....	\$1,238.75	
Moses Brown Fund.....	1,780.77	
Isaac Thorne Johnson Scholarship Fund..	269.05	
Haverford Collge Pension Fund.....	5,404.02	
	<hr/>	8,692.59
By net variation below par of investments bought.....	640.00	
	<hr/>	\$341,821.49

TREASURER'S REPORT

AUDIT

We have examined the cash book and accounts of J. Henry Scattergood, Treasurer of the Corporation of Haverford College, for the year ending Eighth Month 31, 1923, and find them to agree with the statement of receipts and payments shown in the foregoing account.

We have compared the payments made with vouchers and receipts for all disbursements and find same to be correct.

The cash balance at the end of the fiscal year in the hands of the Treasurer was \$35,032.67, and the balance to be accounted for by the President \$7,084.62 as stated.

In the sub-account of the Haverford Improvement Fund, there is a cash balance of undistributed income of \$78.90 carried over and not yet distributed into the general accounts.

(Signed) RICHARD D. WOOD,
(Signed) WALTER C. JANNEY,
Auditing Committee.

Philadelphia, Tenth Month 6, 1913.

We have examined the *securities* belonging to the Corporation of Haverford College, Eighth Month 31, 1923, and find them to agree with the foregoing statement of the Treasurer.

(Signed) J. STOGDELL STOKES,
(Signed) JONATHAN M. STEERE,
Auditing Committee.

Philadelphia, Tenth Month 5, 1923.

DONATIONS

FOR THE YEAR ENDING EIGHTH MONTH 31, 1923

For Prizes:

Class of 1896.....	\$20.00	
Class of 1898.....	10.00	
Class of 1902.....	10.00	
Mathematical Department.....	20.00	
		\$60.00

For Books:

Class of 1900.....	30.71
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For Extension Committee's Work:

Alumni Association.....	48.95
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For Piano:

Class of 1924.....	219.95
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For Campus:

Campus Club.....	379.68
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For Shrubs, etc.:

Daniel Smiley.....	250.00
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For Scholarship:

New York Alumni Association.....	200.00
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For Salaries:

A. F. Huston.....	\$1,000.00	
Alumni Association.....	600.00	
		1,600.00

For Football Coach:

Athletic Association.....	1,000.00
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For Library:

John B. Garrett for "Financial Chronicle".....	10.00
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Forward.....	\$3,799.29
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DONATIONS

Forward.....		\$3,799.29
<i>For Quakeriana Fund:</i>		
P. D. Folwell.....	\$50.00	
John B. Garrett.....	50.00	
J. S. C. Harvey.....	50.00	
Mrs. Henry G. Leach.....	100.00	
Morris E. Leeds.....	100.00	
Mrs. Thomas Scattergood.....	50.00	
Francis J. Stokes.....	25.00	
Arthur H. Thomas.....	50.00	
Parker S. Williams.....	50.00	
Asa S. Wing.....	50.00	
George Vaux, Jr.....	50.00	
	<hr/>	625.00
<i>For Summer School:</i>		
Woolman School.....		100.00
<i>Undesignated:</i>		
Seth K. Gifford.....		25.00
		<hr/>
		\$4,549.29
<i>For General Education Board Fund:</i>		
General Education Board Income.....		\$2,089.91
Principal.....		29,295.24
		<hr/> <hr/>
<i>Francis B. Gummere Memorial Fund:</i>		
Anonymous.....	\$10.00	
Joseph J. Barclay.....	25.00	
Robert Barrie, Jr.....	100.00	
Dr. Joseph C. Birdsall.....	100.00	
John Blanchard.....	75.00	
Charles F. Brown.....	10.00	
Elliot W. Brown.....	50.00	
Bolton L. Corson.....	150.00	
Edward W. Evans.....	75.00	
	<hr/>	
Forward.....		\$595.00

HAVERFORD COLLEGE

Forward.....	\$595.00	
Jesse G. Forsythe.....	20.00	
John K. Garrigues.....	50.00	
Seth K. Gifford.....	10.00	
Henry M. Hallett, 2d.....	20.00	
Dr. Thomas H. Haines.....	37.50	
Walter Morris Hart.....	300.00	
Weston Howland.....	15.00	
Thomas K. Lewis.....	125.00	
William Church Longstreth.....	50.00	
Robert L. Molitor.....	15.00	
Joseph W. Mott.....	1,000.00	
A. Douglas Oliver.....	15.00	
Baxter K. Richardson.....	12.50	
Leonard C. Ritts.....	150.00	
Jonathan T. Rorer.....	20.00	
Alfred G. Scattergood.....	2,500.00	
John L. Scull.....	150.00	
Dr. E. Roland Snader, Jr.....	25.00	
Herman S. Stein.....	25.00	
Lindley M. Stevens.....	25.00	
Frederick A. Swan.....	15.00	
Allen C. Thomas.....	150.00	
Schuyler C. van Sickle.....	30.00	
Robert N. Wood.....	10.00	
		<hr/>
		\$5,365.00
<i>Isaac Sharpless Memorial Fund:</i>		
Anonymous.....	\$20.00	
Wilmar M. Allen.....	30.00	
Harrison H. Arnold.....	150.00	
Harold W. Arrowsmith.....	50.00	
Robert Atkinson.....	110.00	
W. Warder Bacon.....	120.00	
Henry L. Balderston.....	100.00	
Clarence W. Bankard.....	100.00	
		<hr/>
Forward.....	\$680.00	

DONATIONS

Forward.....	\$680.00
Joseph J. Barclay.....	25.00
John B. Barker.....	100.00
Robert Barrie, Jr.....	140.00
Joseph M. Beatty, Jr.....	75.00
Dr. Joseph C. Birdsall.....	400.00
William A. Blair.....	300.00
John Blanchard.....	75.00
Sydney M. Boher.....	300.00
John C. Borton.....	104.00
Walter G. Bowerman.....	150.00
Harold W. Brecht.....	30.00
Charles F. Brede.....	100.00
William J. Brockelbank.....	15.00
Arthur Emlen Brown.....	500.00
Charles F. Brown.....	20.00
Edward Lyman Brown.....	50.00
H. Tatnall Brown, Jr.....	115.00
George H. Buzby (deceased).....	250.00
J. Howard Buzby.....	250.00
John W. Cadbury, Jr.....	50.00
William E. Cadbury.....	300.00
Clifton O. Carey.....	45.00
James Carey, Jr.....	200.00
James Carey, 3d.....	30.00
Charles R. Cary.....	100.00
Frank W. Cary.....	150.00
Oscar M. Chase.....	200.00
Joseph W. Clark.....	300.00
John B. Clement.....	100.00
Edward T. Comfort.....	100.00
Miss Caroline E. Cope.....	6,000.00
Oliver Cope.....	66.00
Arthur Crowell.....	300.00
Frederick A. Curtis.....	100.00
Dr. Charles G. Darlington.....	50.00

Forward.....	\$11,770.00
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HAVERFORD COLLEGE

Forward.....	\$11,770.00
Royal J. Davis.....	150.00
George V. Downing.....	100.00
Thomas S. Downing.....	25.00
George A. Dunlap.....	150.00
Franklin M. Earnest, Jr.....	60.00
Charles W. Edgerton.....	100.00
J. Branson Edmonds.....	150.00
Lucius W. Elder, Jr.....	30.00
James S. Ellison, Jr.....	100.00
Edward W. Evans.....	75.00
S. Newcomb Ewan, Jr.....	30.00
Joseph M. Fay.....	60.00
Christian Febiger.....	350.00
F. Plumley Flint.....	60.00
Jesse G. Forsythe.....	80.00
Hans Froelicher.....	100.00
Alfred C. Garrett.....	1,000.00
John K. Garrigues.....	50.00
Seth K. Gifford.....	40.00
Frank T. Gucker, Jr.....	200.00
Frank Gucker.....	50.00
John F. Gummere.....	65.00
Raymond C. Hacker.....	75.00
Chester R. Haig.....	300.00
Edward C. Haines.....	60.00
Hartley S. Haines.....	50.00
Joseph H. Haines.....	1,000.00
Dr. Thomas H. Haines.....	37.50
Albert W. Hall.....	30.00
Percival Hall, Jr.....	75.00
George H. Hallett, Jr.....	15.00
Henry M. Hallett, 2d.....	30.00
William H. Hamilton.....	60.00
William H. Harding.....	100.00
William D. Hartshorne.....	50.00
Forward.....	\$16,677.50

DONATIONS

Forward.....	\$16,677.50
E. Kenneth Haviland.....	30.00
Joseph M. Hayman, Jr.....	150.00
W. Blair Heilman.....	50.00
Herschel C. Henderson.....	30.00
C. Dixon Heyer.....	60.00
T. Allen Hilles.....	2,500.00
Axel F. Hinrichson.....	45.00
Gilbert T. Hoag.....	600.00
Lee G. Holmes.....	45.00
Dr. Arthur H. Hopkins.....	150.00
H. Boardman Hopper.....	150.00
John R. Hoopes.....	100.00
Weston Howland.....	15.00
Charles H. Howson.....	600.00
Dr. John E. Hume.....	150.00
William C. Hunsicker, Jr.....	100.00
George W. Hunt.....	54.00
Richard W. Janney.....	75.00
Walter C. Janney.....	3,000.00
Harold W. Jones.....	50.00
Wilmot R. Jones.....	60.00
J. Barclay Jones, Jr.....	100.00
William M. C. Kimber.....	500.00
Ralph A. Klemm.....	105.00
S. Brooks Knowlton.....	63.00
A. Wesley Kratz.....	100.00
W. Wesley Kurtz.....	300.00
Morris E. Leeds.....	825.00
Evan J. Lester, Jr.....	100.00
Henry L. Levick.....	100.00
Thomas K. Lewis.....	125.00
Thomas M. Logan.....	45.00
Charles Francis Long.....	100.00
Alfred Lowry.....	100.00
Herbert M. Lowry.....	150.00
Forward.....	\$27,404.50

HAVERFORD COLLEGE

Forward.....	\$27,404.50
Jesse D. Ludlam.....	150.00
Louis C. O. Lusson.....	50.00
Archibald MacIntosh.....	60.00
Harlan L. McCracken.....	10.00
Hugh E. McKinstry.....	30.00
William F. Mengert.....	50.00
E. Clarence Miller.....	75.00
Robert B. Miller.....	100.00
Robert L. Molitor.....	35.00
Thomas R. Montgomery.....	37.50
Ralph S. F. Moock.....	100.00
M. Reeves Morgan.....	75.00
Marriott C. Morris, Jr.....	100.00
Thomas C. Morris.....	50.00
Alfred S. Morton.....	25.00
Raymond T. Ohl.....	100.00
William E. Page (deceased).....	200.00
T. Chalkley Palmer.....	1,000.00
Charles Edward Pancoast.....	75.00
John E. Parker.....	100.00
J. Edward Petterson.....	150.00
Robert L. Petry.....	15.00
A. Arthur Powell.....	100.00
Theodore W. Richards.....	200.00
E. Bartram Richards.....	100.00
Baxter K. Richardson.....	12.50
Frederick P. Ristine.....	400.00
John Roberts.....	300.00
Albert E. Rogers.....	50.00
Jonathan T. Rorer.....	80.00
Norman E. Rutt.....	30.00
Paul H. Sangree.....	158.08
Victor Schoepperle.....	300.00
Kenneth S. Scott.....	30.00
Marion B. Seever.....	100.00

Forward.....	\$31,852.58
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DONATIONS

Forward.....	\$31,852.58
Wayne Sensenig.....	105.00
Joseph W. Sharp, Jr.....	1,000.00
Lucius R. Shero.....	30.00
William E. Shipley.....	2,066.00
Benjamin H. Shoemaker, 2d.	100.00
Dr. Edwin Shoemaker.....	100.00
Raphael J. Shortlidge.....	300.00
James E. Sidel.....	45.00
Francis S. Silver.....	50.00
William E. Silver.....	100.00
Irving B. Smith.....	250.00
Dr. E. Roland Snader.....	75.00
I. Thomas Steere.....	75.00
Herman K. Stein.....	75.00
Lindley M. Stevens.....	50.00
Francis J. Stokes.....	500.00
Dr. S. Emlen Stokes.....	250.00
Gordon W. Strawbridge.....	225.00
Dr. Samuel Sturgis.....	5.00
Richard M. Sutton.....	60.00
Frederick A. Swan.....	15.00
Oliver P. Tatum.....	50.00
Alfred L. Test.....	60.00
Allen C. Thomas.....	150.00
Edward J. Thompson.....	45.00
Horace B. Townsend.....	100.00
E. Earl Trout.....	150.00
C. Wilbur Ufford.....	100.00
Frederick N. Vail.....	500.00
Donald B. Van Hollen.....	50.00
Herman G. Veeder.....	300.00
Samuel Wagner, Jr.....	100.00
Edward Wallerstein.....	100.00
Kenneth B. Walton.....	40.00
W. Wycliff Walton.....	45.00
Forward.....	\$39,118.58

HAVERFORD COLLEGE

Forward	\$39,118.58
Charles Warner.....	125.00
John Richard Webb.....	30.00
Miles White, Jr.....	600.00
Nelson A. White.....	38.00
Richard J. White.....	300.00
Thomas B. Whitson.....	30.00
Dr. S. K. Wilbur.....	100.00
Harry L. Wilbur.....	100.00
A. Clement Wild.....	300.00
Charles R. Williams.....	100.00
A. J. Williamson.....	30.00
Gerald Wilson.....	105.00
W. Butler Windle.....	100.00
Edwards F. Winslow.....	30.00
Robert N. Wood.....	50.00
Edward Woolman.....	300.00
J. Colvin Wright.....	30.00
Stanley R. Yarnall.....	300.00
Charles O. Young.....	200.00
"A Friend".....	500.00

\$42,486.58

Matriculate Catalogue Fund:

Asa S. Wing.....	\$100.00
J. Henry Scattergood.....	25.00
J. Stogdell Stokes.....	25.00
Sydney S. Morris.....	5.00

NOTE.—The above were spent directly by the Matriculate Catalogue Committee and were never passed through the College account as was done the previous year.

Correction of Error in Donations of 1921-1922:

The amount reported last year as donated for Matriculate Catalogue, "J. Stogdell Stokes, \$50.00," should have read "Francis J. Stokes, \$50.00," the name having been wrongly reported to the Treasurer.

ENDOWMENT FUNDS

GENERAL ENDOWMENT FUND

Founded in 1847 with subscriptions of \$50,000 by a number of Friends. Additions were made as follows: 1868, from an anonymous source, \$5,000; 1869, bequest of Ann Haines to increase the compensation of professors, \$2,670; 1870, bequest of Richard D. Wood, \$18,682.86; 1872, from William Evans, \$1,000; 1874, from executors of Jesse George, deceased, \$5,000; 1880, bequest of Dr. Joseph W. Taylor, \$5,000; 1901, legacy of Ann Williams, \$2,425.50. Present par value, \$111,474.52. The income is used for salaries and for scholarships, the latter usually to the amount of \$1,200 per annum.

JOHN FARNUM MEMORIAL FUND

Founded in 1878 by the heirs of John Farnum by gift of \$25,000 as a memorial to him. Added to in 1899 by legacy of \$10,000 from Elizabeth H. Farnum, widow of John Farnum. Present par value, \$43,229.73. The income only is to be used to endow a "professorship of some practical science or literature." The chair of chemistry was designated as the "John Farnum Professor of Chemistry." The principal is held in the names of three Trustees for the benefit of the Corporation of Haverford College.

JOHN M. WHITALL FUND

Founded in 1880 by bequest of \$10,000 from John M. Whittall, Sr. Present par value, \$11,012.59. The bequest is upon the condition that the art of drawing, especially mechanical drawing, shall be taught, and the income only is to be used and for this purpose.

DAVID SCULL FUND

Founded in 1885 by bequest of \$40,000 from David Scull, Sr. Present par value, \$48,354.84. The income only is to be used to endow a professorship. The chair of biology was designated as the "David Scull Professor of Biology."

HAVERFORD COLLEGE

EDWARD L. SCULL FUND

Founded in 1885 by net bequest of \$9,500 from Edward L. Scull, '64. This legacy was to the General Endowment Fund, but in 1888 it was set apart as a separate fund. Present par value, \$12,389.63. The income only is to be used. The bequest is free from any legally binding conditions, but it was the testator's desire "that some judicious means shall be employed by the Managers to further advise students on the subjects of diet and reading."

WISTAR MORRIS MEMORIAL FUND

Founded in 1892 by gift of \$5,000 in bonds by Mary Morris, widow of Wistar Morris, as a memorial to him. Present par value, \$5,261.74. There are no restrictions. The income is used for general college purposes.

ISRAEL FRANKLIN WHITALL FUND

Founded in 1896 by net legacy of \$9,667.83 from Israel Franklin Whittall. Present par value, \$12,857.17. The income only is to be used for the payment of professors or teachers.

JACOB P. JONES ENDOWMENT FUND

Founded in 1897 by residuary legacy of Jacob P. Jones. This amounted when received to par value of \$279,021.60 and sundry real estate. The real estate has all been sold. Present par value of the fund, \$1,191,030.62. The income only is to be used for general college purposes, and out of said income there shall be admitted a portion at least of the students either free of charge or at reduced rates. In accordance with this provision, \$9,200 per annum is used for scholarships, and the balance of income for general college purposes. Jacob P. Jones' will contains the following: "My hope is that under the blessing and favor of God there will come from this source a revenue which shall be productive of growth and vigor in the institution as well as help at this critical period of their lives to many deserving young men of slender patrimony."

ENDOWMENT FUNDS

JOHN FARNUM BROWN FUND FOR THE STUDY OF THE BIBLE, BIBLICAL HISTORY AND LITERATURE, PHILOSOPHY AND KINDRED SUBJECTS

Founded in 1900 by T. Wistar Brown as a memorial to his son, John Farnum Brown, '93. The original gift was in securities of a par value of \$58,000, shortly afterward increased by a further gift of \$5,000. Additional gifts by T. Wistar Brown were made as follows: in 1910, \$5,000 and \$10,000; in 1911, \$20,612.29; in 1912, \$30,000 par value of securities. Present par value, \$291,866.89. The income only is to be used for the purpose of making provision for the regular study of the Bible and Biblical history and literature, and as way opens for religious teaching. In 1910, the scope and title of the Fund were enlarged to include "and Philosophy and Kindred Subjects." Income up to \$200 may be used for prizes in Biblical Literature and Philosophy. At least ten per cent of the total income of this fund must be capitalized each year, as must also all unused income at the close of each fiscal year.

ELLEN WALN FUND

Founded in 1900 by legacy of \$10,000 from Ellen Waln. Present par value, \$12,238.10. There are no restrictions. The income is used for general college purposes.

CLEMENTINE COPE ENDOWMENT FUND

Founded in 1904 by bequest of \$25,000 from Clementine Cope. Present par value, \$31,534.25. There are no restrictions. The income is used for general college purposes.

NATHAN BRANSON HILL TRUST

Founded in 1904 by deposit with Minneapolis Trust Co., Minneapolis, Minn., trustee, of a paid-up life insurance policy for \$5,000 by Samuel Hill, '78, being in memory of his father, Nathan Branson Hill. The income is to be used to aid the maintenance of Haverford College so long as it shall remain under the auspices of the Society of Friends. At present the only income is from dividends upon the above policy.

HAVERFORD COLLEGE

JOSEPH E. GILLINGHAM FUND

Founded in 1907 by bequest of \$50,000 from Joseph E. Gillingham. Present par value, \$54,061.39. The testator said, "I request, but I do not direct, that part of the income of this legacy may be used for free scholarships for meritorious students." In accordance with this request, \$800 is appropriated annually from the income for scholarships, the balance being used for general college purposes.

HENRY NORRIS FUND

Founded in 1907 by bequest of \$5,000 from Henry Norris. Present par value, \$6,048.70. There are no restrictions. The income is used for general college purposes.

ELIZABETH H. FARNUM FUND

Founded in 1891. The original principal of this fund, amounting to \$10,000, is held by the Provident Trust Co. of Philadelphia under a deed of trust created by Elizabeth H. Farnum. The first income accrued to the College in 1914. Present par value, \$10,220.00. There are no restrictions as to the use of the income, and same is applied to general college purposes.

JAMES R. MAGEE FUND

Founded in 1915 by bequest of \$10,000 from James R. Magee, '59. Present par value, \$10,851.37. There are no restrictions except that the income only is to be used. This has been applied to general college purposes. The will provides for a further bequest to the College upon the death of sisters of the testator.

ALBERT K. SMILEY FUND

Founded in 1915 by gift of \$1,000 from Daniel Smiley, '78, as a memorial to his brother, Albert K. Smiley, '49. Present par value, \$1,017.50. There are no restrictions except that preference was expressed that the income only should be used. This has been applied to general college purposes.

ENDOWMENT FUNDS

THE HINCHMAN ASTRONOMICAL FUND

Founded in 1917 by bequest of \$10,000 par value of securities from Charles S. Hinchman. Present par value, \$11,040.10. The income only to be used "to increase the salary of the astronomical professorship so as to provide a suitable instructor in the ennobling study of the heavens."

WALTER D. AND EDITH M. L. SCULL FUND

Founded in 1918 by bequest of Walter D. Scull, whose death followed shortly after the death of his sister, Edith M. L. Scull. Each left his or her estate to the other, unless predeceased; in this latter case both American estates were left to Haverford College. Both were children of Gideon D. Scull, '43, and resided in England. Income accumulated before the receipt of the fund by the College amounted to \$16,887.66, of which \$15,078.51 has been added to the principal of the fund. Present par value, \$136,314.14. The fund was created to establish a professorship of modern English constitutional history, and the chair has been designated as the Walter D. and Edith M. L. Scull Professorship of History.

ALBIN GARRETT MEMORIAL FUND

Founded in 1919 by legacy of \$25,000 from Mary Hickman Garrett, in memory of her late husband, Albin Garrett, '64. Present par value, \$36,508.75. There are no restrictions. The income is used for general college purposes.

ARNOLD CHASE SCATTERGOOD MEMORIAL FUND

Founded in 1919 by gift of \$30,000 in securities from Maria Chase Scattergood in memory of her son, Arnold Chase Scattergood, of the Class of 1919, who died in his Junior year. Present par value, \$30,000. The income only is to be used toward the payment of professors' salaries. Should Haverford at any time in the future give instruction or offer courses in Military Training, the fund must be surrendered to Committee on Education of Yearly Meeting of Friends of Philadelphia.

HAVERFORD COLLEGE

FRANCIS B. GUMMERE MEMORIAL FUND

Founded in 1920. This fund was started by a gift of \$25,000 from Miss Emily H. Bourne, of New York, conditional upon the raising of \$100,000 additional for an endowment of the Chair of English Literature in memory of her friend, Professor Francis Barton Gummere. A committee of alumni, consisting of J. Stogdell Stokes, '89, chairman; E. R. Tatnall, '97, treasurer; Hans Froelicher, '12, secretary; Charles J. Rhoads, '93; Alfred M. Collins, '97; Winthrop Sargent, Jr., '08, and Parker S. Williams, '94, working with President Comfort, organized a comprehensive campaign among the alumni and friends of the College to raise \$500,000 for this purpose and for increases of professors' salaries; the first \$100,000 of unspecified gifts was used to complete the Francis B. Gummere Memorial Fund to at least \$125,000, and the balance comprised the Isaac Sharpless Memorial Fund. Total par value, \$141,585.85.

ISAAC SHARPLESS MEMORIAL FUND

Founded in 1920. The alumni of the College conducted during 1920 a campaign for \$500,000 additional endowment for the College to make possible additional salaries to the professors. Appeal was made to found two new funds, the Francis B. Gummere Memorial Fund and the Isaac Sharpless Memorial Fund. The funds received, except where otherwise specified, were first applied to the completion of the former up to \$125,000 (see above). Specified gifts and donations thereafter received were then applied to the Isaac Sharpless Memorial Fund. The income only is to be used for salaries of professors. Total par value, \$210,601.96.

GENERAL EDUCATION BOARD FUND

The General Education Board of New York appropriated \$125,000 in 1920 to the campaign for increase of endowment when the Francis B. Gummere Memorial Fund and the Isaac Sharpless Memorial Fund were raised. Interest at five per cent has been paid from that time, and \$90,293.19 principal has been turned over to the Corporation being pro rata to payments thus far made to the above funds. Total par value, \$90,368.19.

ENDOWMENT FUNDS

HAVERFORD IMPROVEMENT FUND

Founded in 1922 to hold the Corporation's undivided share in College Lane land and eight houses. This property was turned over to the Corporation free of debt on Third Month 17, 1922, and with same the then debt of the Corporation amounting to \$155,942.15 was liquidated. The fund started with an undivided interest of \$19,000. There was added during 1921-1922 \$9,000 and the fund now amounts to \$28,000. The income is used for general college purposes.

The College Lane land was purchased in 1886 for the benefit of the College by David Scull, Justus C. Strawbridge, Richard Wood and Francis Stokes, Managers of the College and now all deceased. With contributions raised by them and by mortgages on which they went on the bonds, funds were raised to build six dwelling houses, and two houses were built by the Corporation itself. From the income of the houses the debt against the properties was gradually reduced until it was entirely liquidated in 1919. The net income from 1919 until 1922, when the property was turned over to the Corporation, was applied toward the reduction of the Corporation's debt.

MOSES BROWN FUND

A trust founded by T. Wistar Brown in 1906, as a memorial to his father, Moses Brown. Transferred to the College in 1916 after his death, having at that time a par value of \$372,821.91. Present par value, \$407,031.91. The fund was created to establish a graduate course in religious study in harmony with and supplementary to the teaching and study provided for by the John Farnum Brown Fund. The income only is to be used; at least ten per cent of the total income must be capitalized each year. The unused income, if any, is likewise capitalized at the close of each fiscal year. The graduate school supported by the Moses Brown Fund is designated "The Thomas Wistar Brown Graduate School."

INFIRMARY ENDOWMENT FUND

Founded in 1911 from subscriptions totaling \$9,072.55, raised among alumni and friends of the College. Present par value, \$9,750.94. The income is used toward the expenses of the Morris Infirmary.

HAVERFORD COLLEGE

JOHN W. PINKHAM FUND

Founded in 1911 by legacy of \$5,000 from Dr. John W. Pinkham, '60, being transmitted by gift from his widow, Cornelia F. Pinkham. Present par value, \$5,059.50. There are no binding conditions, but as she expressed an interest in the Morris Infirmary, then building, the Board of Managers directed that the income of this fund should be used in the support and maintenance of the Infirmary.

HAVERFORD UNION FUND

Founded in 1920 by gift of \$1,000 par value of bond, \$678.59 cash, and all the personal property in the Union from the Haverford College Union. The College assumed the responsibility for the care of the building First Month 16, 1920. The income is used toward the maintenance of the Union building. Present par value, \$2,012.09.

THOMAS P. COPE FUND

Founded in 1842 by gift of sixty shares of Lehigh Coal and Navigation Co. stock, par value \$3,000, from Thomas P. Cope. Present par value, \$6,142.69. The income only is to be used "for the education of young men to qualify them to become teachers, but who are not of ability to pay their own schooling." The fund sustains the Thomas P. Cope Scholarships.

EDWARD YARNALL FUND

Founded in 1860 by bequest of \$5,000 from Edward Yarnall. Present par value, \$6,612.60. The income only is to be used for "the support of free scholarships." The fund sustains the Edward Yarnall Scholarships.

ISAIAH V. WILLIAMSON FUND

Founded in 1876 and increased in 1883 by gifts of sundry ground rents from Isaiah V. Williamson. Present par value, \$23,430.88. The income only is to be used for free scholarships or part scholarships. The fund sustains the Isaiah V. Williamson Scholarships.

ENDOWMENT FUNDS

RICHARD T. JONES SCHOLARSHIP FUND

Founded in 1885 by bequest of \$5,000 from Jacob P. Jones as a memorial to his late son, Richard T. Jones. Present par value, \$5,056.25. The income only to be used to sustain the "Richard T. Jones Scholarship."

MARY M. JOHNSON SCHOLARSHIP FUND

Founded in 1897 by bequest of \$5,000 from Mary M. Johnson. Accrued interest before payment to the College increased the fund by \$3,062.95. Present par value, \$9,053.35. The bequest was to establish a "perpetual scholarship." The fund sustains the Mary M. Johnson Scholarships.

SARAH MARSHALL SCHOLARSHIP FUND

Founded in 1897 by request of \$5,000 from Sarah Marshall. Accrued interest before payment to the College increased the fund by \$2,589.49. Present par value, \$8,019.99. The bequest was to establish a "perpetual scholarship." The fund sustains the Sarah Marshall Scholarships.

CLEMENTINE COPE FELLOWSHIP FUND

Founded in 1899 by gift of \$25,000 from Clementine Cope. Present par value, \$27,402.93. The gift was to establish the "Clementine Cope Fellowship Fund to assist worthy and promising graduates of Haverford College in continuing their course of study at Haverford or at some other institution of learning in this country or abroad." The selection of the Fellows is made by the Board of Managers upon nomination by the Faculty.

ISAAC THORNE JOHNSON SCHOLARSHIP FUND

Founded in 1916 by gift of \$5,000 from Isaac Thorne Johnson, '81. Present par value, \$6,079.01. The gift was to establish "The Isaac Thorne Johnson Scholarship to aid and assist worthy young men of Wilmington Yearly Meeting or of the Central West to enjoy the privileges of Haverford College."

HAVERFORD COLLEGE

CASPAR WISTAR MEMORIAL SCHOLARSHIP FUND

Founded in 1920 by gift of Edward M. and Margaret C. Wistar of \$5,000 par value in bonds in memory of their son, Caspar Wistar, of the Class of 1902, who died in Guatemala in 1917 while engaged in mission service in that country. The income only is to be used for scholarships, primarily for sons of parents engaged in Christian service, including secretaries of Young Men's Christian Associations, or students desiring preparation for similar service in America or other countries. Present par value, \$5,000.

WALTER CARROLL BRINTON MEMORIAL FUND

Founded in 1920 by gift of \$5,000 by the family of Walter Carroll Brinton, Class of 1915, who died in France Twelfth Month 8, 1918, while engaged in reconstruction work. The fund sustains the Walter Carroll Brinton Scholarship. Present par value, \$5,106.13.

ALUMNI LIBRARY FUND

Founded in 1863 by contributions from the alumni and other friends of the College. In 1909 the unexpended balance (about \$5,000) of a fund of \$10,000 raised in 1892, and known as the "New Library Fund," was merged into the Alumni Library Fund. Present par value, \$19,419.78. The income is used for the purchase of books, etc., for the Library.

MARY FARNUM BROWN LIBRARY FUND

Founded in 1892 by gift of \$20,000 from T. Wistar Brown, executor of the Estate of Mary Farnum Brown. Additions were made by T. Wistar Brown in 1894, \$10,000 for a lecture fund, and in 1913, \$20,000. In 1916, after T. Wistar Brown's death, there was added to this fund \$34,499.78 par value of securities, being a trust which he had created for this purpose in 1908 and to which he had made additions in subsequent years. Present par value, \$85,320.69. The purpose of this fund (except \$10,000) is for the increase and extension of the Library. The income only is to be used for the purchase of books, and one-fifth of same is to be spent for books promoting the increase of Christian

ENDOWMENT FUNDS

knowledge. The books purchased with the income of this fund are marked by a special book-plate. The income of \$10,000 of the fund is to provide for an annual course of lectures upon Biblical subjects designated "The Haverford Library Lectures." Unused income from this fund, if any, is capitalized at the end of each fiscal year.

WILLIAM H. JENKS LIBRARY FUND

Founded in 1910 by gift of \$5,000 from Hannah M. Jenks, widow of William H. Jenks. The fund was first known as "Special Library Fund," but after the death of Hannah M. Jenks was changed, in 1916, to "William H. Jenks Library Fund." Present par value, \$6,102.12. The purpose of this fund is that the income shall be used for the care of the collection of Friends' books made by William H. Jenks and given by his widow to Haverford College, and to make appropriate additions thereto. Any income not used for these purposes may be used toward the general needs of the Library.

MARY WISTAR BROWN WILLIAMS LIBRARY FUND

Founded in 1914 by gift of \$20,000 from Parker S. Williams, '94, as a memorial to his late wife, Mary Wistar Brown Williams. Present par value, \$29,331.74. The income only is to be used for the purchase of books for the Library, preferably books coming within the classes of history, poetry art, and English and French literature. The books purchased with the income of this fund are marked by a special book-plate.

ANNA YARNALL FUND

Founded in 1916 by residuary bequest of \$7,000 par value of securities and one-half interest in suburban real estate from Anna Yarnall. Additional amount under bequest was received in 1918. Present par value, \$184,884.03, the real estate having been sold in 1923. The bequest was made for the general use of the Library. The testatrix says, "I do not wish to restrict the managers as to the particular application of this fund, but desire them to use the income arising from it as in their best judgment and discretion shall seem best, for the purchase of books and manuscripts, book cases, rebinding of books, and, if need be, the prin-

HAVERFORD COLLEGE

cipal or portions thereof, or the income or portions thereof, for additions to the present Library building, or the erection of new Library buildings. I direct that all books purchased with this fund shall be plainly marked 'Charles Yarnall Memorial' in memory of my father, Charles Yarnall."

F. B. GUMMERE LIBRARY FUND

Founded in 1920 by gift of \$635.47, raised among the students by the Students' Association of the College as a memorial to Professor Francis Barton Gummere. The income only is to be used to buy for the Haverford College Library books on the subjects that he taught or was interested in.

The Students' Association voted also to raise twenty-five dollars for a special shelf in the Library to be known as the "F. B. Gummere Memorial Shelf." This shelf, with its proper inscription, holds the books purchased by this fund. Present par value, \$635.47.

EDMUND MORRIS FERGUSSON, JR., CLASS OF 1920 MEMORIAL FUND

Founded in 1920 by memorial gift of one thousand dollars from the family of Edmund Morris Fergusson, Jr., Class of 1920, who died at the College in his Senior year. The income only is to be used for the maintenance and increase of the Library's Department of English and American Literature. The books purchased with the income of this fund are marked by a special book-plate indicating its source. Present par value, \$1,000.

PRESIDENT SHARPLESS FUND

Founded in 1907 by contributions from interested friends of the College, finally amounting to \$40,000. Present par value, \$46,612.41. The income is to be used for the teachers and professors of Haverford College as the President of the College and his successors, with the approval of the Board of Managers, may decide. The income from this fund is annually transferred to the Haverford College Pension Fund for pensions, or, if not needed for pensions, is capitalized in said fund.

ENDOWMENT FUNDS

WILLIAM P. HENSZEY FUND

Founded in 1908 by gift of \$10,000 from William P. Henszey, donated in connection with the raising of the President Sharpless Fund, but kept as a separate fund. Increased in 1909 by legacy of \$25,000 from William P. Henszey. Present par value, \$36,694.66. The income is to be used, as in the President Sharpless Fund, for the teachers and professors of Haverford College as the President of the College and his successors, with the approval of the Board of Managers, may decide. The income from this fund is annually transferred to the Haverford College Pension Fund for pensions, or, if not needed for pensions, is capitalized in said fund.

JACOB P. JONES BENEFIT FUND

Founded in 1909 and increased in 1910 by proceeds of land sold for account of Jacob P. Jones legacy. Present par value, \$70,011.99. The income is to be used, as in the President Sharpless Fund, for the teachers and professors of Haverford College as the President of the College and his successors, with the approval of the Board of Managers, may decide. The income from this fund is annually transferred to the Haverford College Pension Fund for pensions, or, if not needed for pensions, is capitalized in said fund.

PLINY EARLE CHASE MEMORIAL FUND

Founded in 1909 by transfer to the College of a fund raised in 1887 in memory of Professor Pliny Earle Chase, and amounting to par value of \$4,390.24. Present par value, \$4,404.04. The income of this fund is applied first to a \$100 life annuity, and the balance, as in the President Sharpless Fund, for the teachers and professors of Haverford College as the President of the College and his successors, with the approval of the Board of Managers, may decide. Upon the death of the life annuitant, all of the income will be so used. This income is transferred annually to the Haverford College Pension Fund for pensions, or, if not needed for pensions, is capitalized in said fund.

HAVERFORD COLLEGE PENSION FUND

Founded in 1910 and added to since, being accumulations of income from the President Sharpless Fund, the William P. Henszey Fund

HAVERFORD COLLEGE

the Jacob P. Jones Benefit Fund and the Pliny Earle Chase Memorial Fund, not needed for pensions. Present par value, \$77,935.38. The income from this fund, together with the income from the four above-mentioned funds, is used for pensions, and if not needed for pensions is capitalized in this fund.

THOMAS SHIPLEY FUND

Founded in 1904 by gift of \$5,000 from Samuel R. Shipley as a memorial to his father, Thomas Shipley. Present par value, \$5,252.60. The income only to be used for lectures on English Literature at the College. In case of actual need, at the discretion of the President of the College, the income can be used for general expenditures.

ELLISTON P. MORRIS FUND

Founded in 1906 by gift of \$1,000 from Elliston P. Morris, '48. Present par value, \$1,188.75. The income is to be used as a prize for essays to be written by students on the subject of Arbitration and Peace. "The Elliston P. Morris Prize" of \$80 is given in alternate years, the competition being open to all undergraduates and to graduates of one year's standing.

JOHN B. GARRETT READING PRIZE FUND

Founded in 1908 by gift of \$2,000 par value of bonds by John B. Garrett, '54. Present par value, \$2,000, but bonds are in default. It was the purpose of the donor to ensure the permanence of a prize or prizes for Systematic Reading, amounting to \$100 annually, which he had given for a number of years.

SPECIAL ENDOWMENT FUND

Founded in 1909 by gift of \$12,000 par value of bonds from an anonymous donor. Present par value, \$12,000. The income only of this fund to be used "to furnish opportunity for study of social and economic and religious conditions and duties connected therewith, especially from a Christian point of view." The income is used toward the expenses of Summer Schools for Religious Study, which have been held at Haverford College from time to time.

ENDOWMENT FUNDS

SCHOLARSHIP IMPROVEMENT PRIZE FUND

Founded in 1913 by gift of \$2,000 par value of bonds from John L. Scull, '05. Present par value, \$2,000. The income only to be used to establish two prizes of \$50 and \$45 annually to the two students in the graduating class showing the most marked and steady improvement in scholarship during their college course.

ELIZABETH P. SMITH FUND

Founded in 1915 by bequest of \$1,000 from Elizabeth P. Smith. Present par value, \$1,032.00. The income only to be used as a prize for the best essays on Peace written by the students of the College.

S. P. LIPPINCOTT HISTORY PRIZE FUND

Founded in 1917 by gift of \$2,500 par value of bonds from beneficiary of the estate of S. P. Lippincott, '86. Present par value, \$2,500. The income only to be used as an annual history prize, which is designated "The S. P. Lippincott History Prize."

FRANCIS STOKES FUND

Founded in 1909 by gift of \$5,000 in securities from Francis J. Stokes, '94, in memory of his father, Francis Stokes, of the Class of 1852, and a Manager of Haverford from 1885 until his death in 1916. Present par value, \$5,000. The income is to be used for extending the planting of trees and shrubs on the College grounds. The wish is expressed, but not as a binding condition of the gift, that the Campus Club should have the direction of the expenditure of this income.

GEORGE PEIRCE PRIZE FUND

Founded in 1919 by gift of \$600, and increased in 1920 by further gift of \$400, from Harold and Charlotte C. Peirce in memory of their deceased son, George Peirce, '03. Present par value, \$1,000. The income only is to be used for a prize, to be called the George Peirce Prize in Chemistry or Mathematics, to the student who, in the opinion of the Faculty, has shown marked proficiency in either or in both of these studies and who wishes to follow a profession which calls for such preparation.

HAVERFORD COLLEGE

GIFTS TO THE LIBRARY OF HAVERFORD
COLLEGE, 1922-23

	Volumes
Prof. Henry S. Pratt.....	96
French Government.....	80
Prof. Elihu Grant.....	56
Friends' Reference Library, London.....	38
Prof. R. W. Kelsey.....	13
Miss Juliana Wood.....	11
and one or more volumes from many other sources, making a total of.....	812

STATED MEETINGS OF THE CORPORATION AND THE MANAGERS

The Annual Meeting of "The Corporation of Haverford College" is held on the second Third-day in the Tenth month, at 3 o'clock P. M.

The Stated Meetings of the Managers are held on the third Sixth-day in the First, Third, Fifth, Ninth and Eleventh months.

LEGACIES

The friends of the College, including former students, and all who are interested in the promotion of sound learning, are invited to consider the College in the disposition of their estates by will.

FORM OF LEGACY

*I give and bequeath (if personal)—devise (if real)—
to "The Corporation of Haverford College," the sum of
..... (or
if real estate, describe it) to
have and to hold to them, their successors and assigns, to the
use of the said "The Corporation of Haverford College," their
successors and assigns.*

HAVERFORD COLLEGE BULLETIN

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JANUARY, 1924

No. 3

Catalogue

1923—1924



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CATALOGUE
OF
HAVERFORD COLLEGE
1923-1924



HAVERFORD, PA.



1924



	S	M	T	W	T	F	S		S	M	T	W	T	F	S
January	..	..	1	2	3	4	5	July	..	..	1	2	3	4	5
	6	7	8	9	10	11	12		6	7	8	9	10	11	12
	13	14	15	16	17	18	19		13	14	15	16	17	18	19
	20	21	22	23	24	25	26		20	21	22	23	24	25	26
	27	28	29	30	31	..	..		27	28	29	30	31	..	..
February	..	..	..	..	..	1	2	August	..	..	..	..	..	1	2
	3	4	5	6	7	8	9		3	4	5	6	7	8	9
	10	11	12	13	14	15	16		10	11	12	13	14	15	16
	17	18	19	20	21	22	23		17	18	19	20	21	22	23
	24	25	26	27	28	29	..		24	25	26	27	28	29	30
									31	..	..	..	..	..	..
March	..	..	..	..	..	..	1	September	..	1	2	3	4	5	6
	2	3	4	5	6	7	8		7	8	9	10	11	12	13
	9	10	11	12	13	14	15		14	15	16	17	18	19	20
	16	17	18	19	20	21	22		21	22	23	24	25	26	27
	23	24	25	26	27	28	29		28	29	30	..	..	..	..
	30	31	..	..	..	..	..			
April	..	..	1	2	3	4	5	October	..	..	..	1	2	3	4
	6	7	8	9	10	11	12		5	6	7	8	9	10	11
	13	14	15	16	17	18	19		12	13	14	15	16	17	18
	20	21	22	23	24	25	26		19	20	21	22	23	24	25
	27	28	29	30	..	..	..		26	27	28	29	30	31	..
May	..	..	..	..	1	2	3	November	..	..	..	..	..	..	1
	4	5	6	7	8	9	10		2	3	4	5	6	7	8
	11	12	13	14	15	16	17		9	10	11	12	13	14	15
	18	19	20	21	22	23	24		16	17	18	19	20	21	22
	25	26	27	28	29	30	31		23	24	25	26	27	28	29
									30	..	..	..	..	..	..
June	1	2	3	4	5	6	7	December	..	1	2	3	4	5	6
	8	9	10	11	12	13	14		7	8	9	10	11	12	13
	15	16	17	18	19	20	21		14	15	16	17	18	19	20
	22	23	24	25	26	27	28		21	22	23	24	25	26	27
	29	30	..	..	..	..	..		28	29	30	31	..	..	..



1925



	S	M	T	W	T	F	S		S	M	T	W	T	F	S
January	..	..	..	..	1	2	3	April	..	..	..	1	2	3	4
	4	5	6	7	8	9	10		5	6	7	8	9	10	11
	11	12	13	14	15	16	17		12	13	14	15	16	17	18
	18	19	20	21	22	23	24		19	20	21	22	23	24	25
	25	26	27	28	29	30	31		26	27	28	29	30	..	..
February	1	2	3	4	5	6	7	May	..	..	..	..	..	1	2
	8	9	10	11	12	13	14		3	4	5	6	7	8	9
	15	16	17	18	19	20	21		10	11	12	13	14	15	16
	22	23	24	25	26	27	28		17	18	19	20	21	22	23
									24	25	26	27	28	29	30
									31	..	..	..	..	..	..
March	1	2	3	4	5	6	7	June	..	1	2	3	4	5	6
	8	9	10	11	12	13	14		7	8	9	10	11	12	13
	15	16	17	18	19	20	21		14	15	16	17	18	19	20
	22	23	24	25	26	27	28		21	22	23	24	25	26	27
	29	30	31	..	..	..	..		28	29	30	..	..	..	..

College Days in heavy-faced type.

CALENDAR

1924-1925

Winter Recess ends, 8.30 A. M.	Jan. 3, 1924
Second Half-year begins, 8.30 A. M.	Feb. 4
Third Quarter ends, 1.00 P. M.	Mar. 29
Spring Recess begins, 1.00 P. M.	Mar. 29
Spring Recess ends, 8.30 A. M.	April 7
Senior Class Day	June 12
Commencement and Alumni Day	June 13

Special Examinations for Admission	Sept. 15, 16, 17
College Year, 1924-1925, begins 9.10 A. M.	Sept. 18
First Quarter ends, 4.00 P. M.	Nov. 12
Thanksgiving Recess	Nov. 27, 28, 29
Winter Recess begins, 1.00 P. M.	Dec. 20
Winter Recess ends, 8.30 A. M.	Jan. 5, 1925
Second Half-year begins, 8.30 A. M.	Feb. 2
Third Quarter ends, 1.00 P. M.	Mar. 28
Spring Recess begins, 1.00 P. M.	Mar. 28
Spring Recess ends, 8.30 A. M.	April 6
Senior Class Day	June 11
Commencement and Alumni Day	June 12

HAVERFORD COLLEGE

HISTORY AND DESCRIPTION

Haverford College was founded in 1833. It owes its origin to the insight and energy of a few members of the Society of Friends from Philadelphia and New York, who, in the spring of 1830, conceived the idea of founding an institution for education in the higher branches of learning. Its object, in the words of the founders, was "to combine sound and liberal instruction in literature and science with a religious care over the morals and manners, thus affording to the youth of our Society an opportunity of acquiring an education equal in all respects to that which can be obtained at colleges."

The founders were incorporated in 1833 under the laws of the Commonwealth of Pennsylvania into the Haverford School Association, a body now known as the Corporation of Haverford College. This corporation elects a board of managers for the control of its affairs and for the administration of its funds. For the founding of the School sixty thousand dollars was raised; but the sum proved insufficient for its maintenance, and for many years the financial deficit was met by liberal subscriptions of friends.

From 1845 to 1848 the School was closed in order to allow the funds to accumulate and to give time for the collection of an endowment. Since that time, by a number of generous bequests and donations, the amount of invested funds yielding interest has been increased to over three million dollars.

The first building of the College was Founders Hall, erected in 1833. The Observatory was built in 1852, and

enlarged in 1883. Alumni Hall was built in 1863, and enlarged in 1898 and 1912 to meet the growing needs of the Library. In 1877 Barclay Hall, a dormitory, was erected by friends of the College. The Mechanical Laboratory was established in 1884, and was provided with a new building in 1890; this was burned down in 1896, and Whitall Hall, a new three-story structure, was built. The old Biological Laboratory was established in 1886; Chase Hall for lectures and recitations, and the old Physical Laboratory were built in 1888. The Cricket Shed was erected in 1893. In more recent years, during a period of rapid development made possible largely by the general and unfailing co-operation of the alumni, the following additions have been made to the College equipment: in 1899, the Logan and Norris sections of Lloyd Hall, a dormitory; in 1900, a large and well-equipped Gymnasium; in 1903, Roberts Hall, the gift of Lucy Branson Roberts, with College offices and a large auditorium; in 1903, Merion Hall, a dormitory, remodeled from the old Haverford Grammar School building; in 1905, an additional wing to Founders Hall for dining halls and kitchen; in 1906, a permanent building for the heating and lighting plant; in 1907, the enlargement of Merion Hall; in 1909, the Haverford Union, a building presented by Alfred Percival Smith, '84; in 1910, the Lyman Beecher Hall Chemistry Laboratory; in 1912, the Morris Infirmary, given by John T. Morris, '67; in 1913, a new section of Lloyd Hall, given by the estate of the late Justus C. Strawbridge, and a concrete grandstand, the gift of Horace E. Smith, '86; in 1916, the Smith section of Lloyd Hall, from the same donor, and the Kinsey section; in 1917, Isaac Sharpless Hall, for biology and physics. In addition to these College buildings

there are a number of residences on the grounds which are occupied for the most part by professors.

The College has a pleasant and healthful location in the township of Haverford, Delaware County, Pennsylvania, nine miles west of the center of Philadelphia. It is accessible by the main line of the Pennsylvania Railroad and by the Philadelphia and Western Railway. The selection of this site is thus described by the first managers: "We wished to procure a farm in a neighborhood of unquestionable salubrity—within a short distance of a Friends' meeting—of easy access from this city at all seasons of the year . . . recommended by the beauty of the scenery and a retired situation." And they reported that they had purchased for the sum of \$17,865 "an oblong tract of 198½ acres . . . nearly south of the *eight mile* stone on the Lancaster Turnpike." This property has since been increased to two hundred and twenty-five acres with an estimated present value of over one and one-half million dollars. While a portion is retained as farm and woodland, a lawn of sixty acres was long ago graded and tastefully planted with trees and shrubs by a landscape gardener, so that the natural beauty of the location has increased with passing years. The grounds include five fields for cricket, baseball, American Rugby and association football, a running-track, seven tennis courts, and a pond for skating.

Parallel with its material growth there have been changes in the inner life of the College which have affected the methods of administration rather than the essential principles on which the institution was founded. It has gradually increased in number of students, but still enjoys the advantages of a small college. From the first it gave instruction of collegiate scope and grade. Accordingly, in

1856, the name was changed from *school* to *college* and the right to confer degrees was granted by the Legislature. In 1861 the preparatory department was abolished. General courses are now given in arts and science. The endowment for salaries and pensions enables the College to maintain a faculty of unusual size in proportion to the number of students, and to expend for the instruction, board, and lodging of each student about twice the sum which he pays.

In accordance with the modern ideals of religious and moral education, the students enjoy ample liberty, safeguarded by their wholesome physical life, by the traditions of the College, and by the intimate association with their professors and fellow students. The deep religious spirit bequeathed by the Quaker founders has been carefully cherished and high ideals of life and conduct are maintained; three times a month the College attends Friends' meeting in a body. In the admission of students and in the appointment of instructors there are no denominational distinctions. The aims of Haverford have been gradually developing and its function is becoming more and more clear—"to encourage the growth, among a limited number of young men, of vigorous bodies, scholarly minds, strong characters, and a real religious experience."

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* Invited to attend all Board Meetings.

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ADMISSION

Preliminary correspondence concerning admission to the College is invited, and should be addressed to the President, who will be glad to advise with candidates regarding their preparatory course. Candidates for admission to the Freshman Class shall make application on a blank which will be furnished on request. (See page 90.) It is well to make application two or three years in advance, as the number of students accepted is strictly limited by the present dormitory space.

Each candidate shall also present a certificate of character from the principal of the school last attended. Principals are requested to write fully as to the character, habits, and ability of applicants. Such statements, as well as other pertinent information which may be sought by the College, will have due weight in determining the admission of candidates.

The subjects which may be presented for admission are divided into two groups in accordance with the following table. The figures given represent "units" according to the system of the Carnegie Foundation.*

Group I (required of all candidates) :

English 1	}	.....	3
English 2			
Mathematics A 1	}	.....	2
Mathematics A 2			
Mathematics C		.....	1
One History		.....	1

* "A unit represents a year's study in any subject in a secondary school, constituting approximately a quarter of a full year's work. A four years' secondary school curriculum should be regarded as representing not more than sixteen units of work."

Group II (elective) :

Latin 1	1
Latin 2 or 6	1
Two-year Latin (Cp2)*	2
Latin 4	1
Latin 5	1
Two-year Greek (Cp2)	2
Third year Greek (Greek H)	1
German A (Cp2)	2
German B	1
French A (Cp2)	2
French B	1
Spanish A (Cp2)	2
Spanish B	1
Botany	1
Chemistry	1
Histories, each	1
Physics	1
Biology	1
Bible †	1
Mathematics D	1½
Mathematics F	1½

Every student must present for admission subjects having a total value of 15 units, arranged as follows:

For the A.B. degree:

All subjects in Group I	7
Latin 1, 2 (or 6), 4, 5	4
(Or Greek, 3 units)	
Other subjects from Group II (including one language)	4
(Or, with Greek, 5 units)	

* Latin Cp. 2 must be taken by those who offer only 2 units in Latin; for 3 units in Latin, 1, 2 (or 6), and 4 are required; for 4 units in Latin, 1, 2 (or 6), 4 and 5 are required.

† In this subject the only examination available is that given by Haverford College in September.

For the S.B. degree:

All subjects in Group I 7

Subjects from Group II (including at least
four units in the languages) 8

The candidate may give evidence of his preparation in these requirements by either of the following plans for admission:

I. *By Examination only.* The candidate must take entrance examinations in *all* the subjects which he presents for admission. He may take examinations in any of these subjects as preliminary examinations a full year or more before he intends to enter college, but for preliminary examinations only those of the College Entrance Examination Board are accepted. The examinations taken may be either the ordinary examinations or the equivalent comprehensive examinations.

Students unable to pass all the examinations may be admitted with a few conditions. Each case will be decided on its merits.

II. *By both Examination and Certificate.* This system may be employed by school graduates only. The graduate must present, on blanks supplied by the College and signed by the principal of the school which he has attended, a complete record of his work on all subjects during the last four years of preparation, with the time spent and the grade received in each study. This work is expected to include the subjects with a total value of 15 units prescribed on the preceding page.

He must also take entrance examinations in three subjects—English, Mathematics, and one foreign language. The English will be the examination defined as English 2. The mathematics will be both Mathematics A and Math-

ematics C. The language required will be, for the A.B. degree, either Latin 2, 4, 5 or Greek Cp2 and Greek H; for the S.B. degree, Latin Cp2 or Greek Cp2 or German Cp2 or French Cp2 or Spanish Cp2. In June, at the option of the candidate, comprehensive examinations may be substituted in part for the ordinary examinations: for English 2, English Cp; for Latin 2, 4, 5, Latin Cp4; for Greek Cp2 and Greek H, Greek Cp3. Mathematics Cp3 will not be accepted for entrance. These examinations must all be taken *and passed at one time* either in June or September.

On the basis of his certificate and his marks in these examinations the applicant will be either admitted without conditions or rejected with permission to apply again for admission according to either plan.

This plan is intended mainly for good students, who, deciding late in their school courses to enter Haverford, would find it difficult to prepare themselves for examination in all their entrance subjects, but could readily pass a good examination in three fundamental subjects of their school course and present a satisfactory certificate for all of it. Candidates of only average ability and those who can take preliminary examinations in regular order will gain nothing by adopting this plan.

Advanced Standing.—On account of limited accommodations it is usually impossible to admit students to other than the Freshman class.

SCHEDULE OF EXAMINATIONS FOR ADMISSION

Applicants for admission to the Freshman Class are expected to take the examinations held by the College Entrance Examination Board in June in many cities. Those who pass these examinations in June will receive first consideration for all Freshman scholarships and for the limited accommodations annually reserved for Freshmen. For information with regard to these examinations address The College Entrance Examination Board, 431 West 117th Street, New York City.

COLLEGE ENTRANCE EXAMINATION BOARD

Examinations, June 16-21, 1924

The application for examination should be addressed to the College Entrance Examination Board, 431 West 117th Street, New York, N. Y. It should be made upon a blank form to be obtained from the Secretary of the College Entrance Examination Board upon request.

If the application is received sufficiently early the examination fee will be \$9.00 for candidates examined in the United States and Canada and \$20.00 for candidates examined elsewhere. The fee, which should accompany the application, should be remitted by postal order, express order, or draft on New York to the order of the College Entrance Examination Board.

Applications and fees of candidates who wish to be examined outside of the United States and Canada should reach the Secretary of the Board at least six weeks in advance of the first day of the examinations, that is, on or before May 5, 1924.

Applications and fees of candidates who wish to be examined in the United States at points west of the Mississippi River or in Canada should be received at least four weeks in advance of the first day of the examinations, that is, on or before May 19, 1924.

Applications and fees of candidates who wish to be examined in the United States at points east of the Mississippi River or on the Mississippi River should be received at least three weeks in advance of the first day of the examinations, that is, on or before Monday, May 26, 1924.

When the candidate has failed to obtain the required blank form of application for examination the usual examination fee will be accepted if the fee arrives not later than the specified date accompanied by a memorandum containing the name and address of the candidate, the exact examination center selected, and a list of all the subjects in which he may have occasion to take the Board examinations.

Applications received later than the dates named will be accepted when it is possible to arrange for the examination of the candidates concerned, but only upon the payment of an additional fee.

A list of the places at which examinations are to be held in June, 1924, will be published about March 1. Requests that the examinations be held at particular points, to receive proper consideration, should be transmitted to the Secretary of the College Entrance Examination Board not later than February 1. The designation of the center to which the candidate will go for examination is regarded as an indispensable part of the candidate's application for examination.

Detailed definitions of the requirements in all examination subjects are given in a circular of information pub-

lished annually by the College Entrance Examination Board. The edition published December 1, 1922, was designated as Document No. 105. A new edition which will be designated as Document No. 111 will appear December 1, 1923. Upon request a single copy of this document will be sent to any teacher without charge. In general a charge of twenty cents, which may be remitted in postage, will be made.

HAVERFORD EXAMINATIONS

Special Haverford examinations are held in September at the College for the convenience of emergency cases. They may not be taken as preliminary examinations. No applicant should deliberately postpone his examination until September, as no assurance can be given that he will be admitted if the capacity of the College has already been reached.

The schedule of examinations to be held in September, 1924, at Haverford College, is as follows:

Monday, September 15th

9.30-11.30	.....German Cp2
11.30- 1.00	.....German B
10.00-12.00	.....Spanish Cp2
12.00- 1.00	.....Spanish B
12.00- 1.00	.....English 1
2.00- 4.00	.....English 2
4.00- 5.30	.....Physics
4.00- 5.30	.....Bible

Tuesday, September 16th

9.00-11.00	.....	Latin 4
11.00-12.00	.....	Latin 2
11.00-12.00	.....	Latin 6
12.00- 1.00	.....	Latin 1
11.00- 1.00	.....	Latin Cp2
9.00-10.30	.....	Botany
10.30-12.00	.....	Chemistry
10.30-12.00	.....	Physiology
2.00- 4.00	.....	French Cp2
4.00- 5.30	.....	French B
2.00- 4.00	.....	Greek Cp2
4.00- 5.30	.....	Greek H
2.00- 5.00	.....	Mathematics D and F

Wednesday, September 17th

9.00-10.30	.....	Mathematics C
10.30-12.00	.....	Mathematics A2
12.00- 1.00	.....	Mathematics A1
2.00- 4.00	.....	History
4.00- 6.00	....	History (if a second is taken)
4.00- 6.00	.....	Latin 5

**REQUIREMENTS FOR ADMISSION IN THE
SEVERAL SUBJECTS**

ENGLISH*

The requirement in English is that recommended by the National Conference on Uniform Entrance Requirements in English.

* Reprinted from Document 93 of the College Entrance Examination Board.

DEFINITION OF THE REQUIREMENT FOR 1923-1925

Habits of correct, clear, and truthful expression. This part of the requirement calls for a carefully graded course in oral and written composition, and for instruction in the practical essentials of grammar, a study which ordinarily should be reviewed in the secondary school. In all written work constant attention should be paid to spelling, punctuation, and good usage in general as distinguished from current errors. In all oral work there should be constant insistence upon the elimination of such elementary errors as personal speech-defects, foreign accent, and obscure enunciation.

Ability to read with intelligence and appreciation works of moderate difficulty; familiarity with a few masterpieces. This part of the requirement calls for a carefully graded course in literature. Two lists of books are provided from which a specified number of units must be chosen for reading and study. The first contains selections appropriate for the earlier years in the secondary school. These should be carefully read, in some cases studied, with a measure of thoroughness appropriate for immature minds. The second contains selections for the closer study warranted in the later years. The progressive course formed from the two lists should be supplemented at least by home reading on the part of the pupil and by class-room reading on the part of pupils and instructor. It should be kept constantly in mind that the main purpose is to cultivate a fondness for good literature and to encourage the habit of reading with discrimination.

LIST OF BOOKS FOR 1923-1925

1. Books for Reading

From each group two selections are to be made, except that for any book in Group V a book from any other may be substituted.

GROUP I

Dickens: A Tale of Two Cities.

George Eliot: Silas Marner.

Scott: Quentin Durward.

Stevenson: Treasure Island or Kidnapped.

Hawthorne: The House of the Seven Gables.

GROUP II

Shakespeare: Merchant of Venice,

Julius Cæsar,

King Henry V,

As You Like It.

GROUP III

Scott: The Lady of the Lake.

Coleridge: The Ancient Mariner; and Arnold: Sohrab and Rustum.

A collection of representative verse, narrative and lyric.

Tennyson: Idylls of the King (any four).

The Æneid or the Odyssey in a translation of recognized excellence, with the omission, if desired, of Books I-V, XV, and XVI of the Odyssey.

GROUP IV

The Old Testament (the chief narrative episodes in Genesis, Exodus, Joshua, Judges, Samuel, Kings, and Daniel, together with the books of Ruth and Esther).

Irving: The Sketch Book (about 175 pages).

Addison and Steele: The Sir Roger de Coverley Papers.

Macaulay: Lord Clive.

Parkman: The Oregon Trail.

Franklin: Autobiography.

GROUP V

A modern novel.

A collection of short stories (about 150 pages).

A collection of contemporary verse (about 150 pages).

A collection of prose writings on matters of current interest (about 150 pages).

Two modern plays.

All selections from this group should be works of recognized excellence.

2. Books for Study

One selection to be made from each group.

GROUP I

Shakespeare: Macbeth,
Hamlet.

GROUP II

Milton: *L'Allegro*, *Il Penseroso*, and either *Comus* or *Lycidas*.

Browning: *Cavalier Tunes*, *The Lost Leader*, *How They Brought the Good News from Ghent to Aix*, *Home Thoughts from Abroad*, *Home Thoughts from the Sea*, *Incident of the French Camp*, *Hervé Riel*, *Pheidippides*, *My Last Duchess*, *Up at a Villa—Down in the City*, *The Italian in England*, *The Patriot*, *The Pied Piper*, "*De Gustibus*"—, *Instans Tyrannus*, *One Word More*.

GROUP III

Macaulay: *Life of Johnson*.

Carlyle: *Essay on Burns*, with a brief selection from *Burns's Poems*.

Arnold: *Wordsworth*, with a brief selection from *Wordsworth's Poems*.

GROUP IV

Burke: *Speech on Conciliation with America*.

A collection of orations, to include at least Washington's *Farewell Address*, Webster's *First Bunker Hill Oration*, and Lincoln's *Gettysburg Address*.

DESCRIPTION OF THE RESTRICTED EXAMINATIONS, 1923-1925

ENGLISH 1-2, three units

ENGLISH 1, two units

ENGLISH 2, one unit

The examination will be in two parts. The first part will test powers of correct, clear, truthful expression. The candidate will write one or more compositions several paragraphs in length. For this purpose a list of eight or ten subjects will be provided. These may be suggested in part by the books recommended for reading, but a sufficient number from other sources will make it possible for the candidate to draw upon his own experience and ideas. He will not be expected to compose at a more rapid rate than three hundred fifty words an hour, but his work must be free from common errors in grammar, idiom, spelling, and punctuation, and should show that he understands the principles of unity and coherence. In addition, questions may be asked on the practical essentials of grammar, such as the construction of words and the relation of various parts of a sentence to one another.

The second part will test the faithfulness with which the candidate has studied the works recommended for study and his ability to grasp quickly the meaning of a passage of prose or verse that he has not previously seen and to answer simple questions on its literary qualities. The examination may call also for the writing of a short composition.

In connection with the second part of the examination the candidate may be required by the college to submit a statement certified by his principal specifying what books he has read during his secondary school course, and indicating the quality and character of his spoken English.

DESCRIPTION OF THE COMPREHENSIVE EXAMINATION IN ENGLISH

The purpose of this examination will be to test the ability of the candidate to define clearly in writing ideas gained both from books and from the life around him, and to read with accuracy and appreciation literature as varied in subject matter and form as that listed under "Uniform Entrance Requirements in English." Accuracy in the technique of writing will be insisted upon, but no paper will be considered satisfactory which does not show, in addition to this accuracy, that the student is able to think for himself and to apply what he has learned to the solution of unexpected problems. Although knowledge of the subject matter of the particular books prescribed in the "Uniform Entrance Requirements in English" is not necessary, yet the requisite ability cannot be gained without a systematic and progressive study of good literature.

A candidate for admission to Haverford "by examination only" (see above, p. 18) is required to take the examinations designated as English 1 and English 2, as given by the College Entrance Examination Board or by Haverford College.

A candidate whose certificate entitles him to apply for admission "by both examination and certificate" (see above, p. 18) may take either English 2 or the Comprehensive Examination in English. The latter is given only by the College Entrance Examination Board; while difficult, it does offer certain advantages to one whose study of literature has not been based on the books listed for special study in English 2.

MATHEMATICS

The definition of the requirements in Mathematics is the same as that of the College Entrance Examination Board.

In each subject stress will be laid upon accuracy and neatness of work. Results should be verified.

Mathematics A1—Algebra: to Quadratics.

The four fundamental operations for rational algebraic expressions.

Factoring, determination of highest common factor and lowest common multiple by factoring.

Fractions, including complex fractions, and ratio and proportion.

Linear equations, both numerical and literal, containing one or more unknown quantities.

Problems depending on linear equations.

Radicals, including the extraction of the square root of polynomials and of numbers.

Exponents, including the fractional and negative.

Mathematics A2—Algebra: Quadratics and beyond.

Quadratic equations, both numerical and literal.

Simple cases of equations, with one or more unknown quantities, that can be solved by the methods of linear or quadratic equations.

Problems depending on quadratic equations.

The binomial theorem for positive integral exponents.

The formulas for the n th term and the sum of the terms of arithmetical and geometrical progressions, with applications.

It is assumed that pupils will be required throughout the course to solve numerous problems which involve putting questions into equations. Some of these problems should be chosen from mensuration, from physics, and from commercial affairs. The use of graphical methods and illustrations, particularly in connection with the solution of equations, is also expected.

Mathematics C—Plane Geometry.

The usual theorems and constructions of good textbooks, including the general properties of plane rectilinear figures; the circle and the measurement of angles; similar polygons; areas; regular polygons and the measurement of the circle.

The solution of numerous original exercises, including problems in loci.

Applications to the mensuration of lines and plane surfaces.

Mathematics D—Solid Geometry.

The usual theorems and constructions of good textbooks, including the relation of planes and lines in space; the properties and measurement of prisms, pyramids, cylinders, and cones; the sphere and the spherical triangle.

The solution of numerous original exercises, including problems in loci.

Application to the mensuration of surfaces and solids.

Mathematics F—Plane Trigonometry.

Definitions and relations of the six trigonometric functions as ratios; circular measurement of angles.

Proofs of the principal formulas, in particular for the sine, cosine, and tangent of the sum and the difference of

two angles, of the double angle and the half angle, the product expressions for the sum or the difference of two sines or of two cosines, etc.; the transformation of trigonometric expressions by means of these formulas.

Solution of trigonometric equations of simple character.

Theory and use of logarithms (without the introduction of work involving infinite series).

The solution of right and oblique triangles, and practical applications.

HISTORY

A. *Ancient History*, with special reference to Greek and Roman history, including also a short introductory study of the more ancient nations and the chief events of the early Middle Ages down to the death of Charlemagne.

B. *Medieval and Modern European History*, from the death of Charlemagne to the present time.

C. *Modern History*.

D. *English History*.

E. *American History*.

G. *American History and Civil Government*.

Each of the above subjects is intended to represent one year of historical work wherein the study is given five times a week, or two years of historical work wherein the study is given three times a week.

The work should include the use of good text-books, collateral reading, practice in written work, and in locating places and movements on outline maps. The candidate should be trained in comparison and in the use of judgment as well as in the use of memory.

LATIN*

I. Amount and Range of the Reading Required

(1) The Latin reading, without regard to the prescription of particular authors and works, shall be not less *in amount* than Cæsar, Gallic War, I-IV; Cicero, the orations against Catiline, for the Manilian Law, and for Archias; Vergil, Æneid, I-IV.

(2) The amount of reading specified above shall be selected by the schools from the following authors and works: Cæsar (Gallic War and Civil War) and Nepos (Lives); Cicero (orations, letters, and De Senectute) and Sallust (Catiline and Jugurthine War); Vergil (Bucolics, Georgics, and Æneid) and Ovid (Metamorphoses, Fasti, and Tristia).

II. Scope of the Examinations

(1) *Translation at Sight.* Candidates will be examined in translation at sight of both prose and verse. The vocabulary, construction, and range of ideas of the passages set will be suited to the preparation secured by the reading indicated above.

(2) *Prescribed Reading.* Candidates will be examined also upon the following prescribed reading:

In 1924 and 1925. Cicero, the fourth oration against Catiline and the oration for the Manilian Law; Vergil, Æneid, I and IV; Ovid, Metamorphoses, Book III, 1-137 (Cadmus); IV, 55-166 (Pyramus and Thisbe), and 663-764 (Perseus and Andromeda); VI, 165-312 (Niobe); VIII, 183-235 (Dædalus and Icarus); X, 1-77 (Orpheus and Eurydice); XI, 85-145 (Midas).

* Based on Document 101 of the College Entrance Examination Board.

Accompanying the different passages will be questions on subject-matter, literary and historical allusions, and prosody. Every paper in which passages from the prescribed reading are set for translation will contain also one or more passages for translation at sight; and candidates must deal satisfactorily with both these parts of the paper, or they will not be given credit for either part.

(3) *Grammar and Composition.* The examination in grammar and composition will demand thorough knowledge of all regular inflections, all common irregular forms, and the ordinary syntax and vocabulary of the prose authors read in school, with ability to use this knowledge in writing simple Latin prose.

III. Subjects for Examination

- (a) *Exclusively for those who offer only 2 units in Latin.*
The 2 units may be offered in no other way.

Two-year Latin (Latin Cp. 2). This examination will presuppose reading not less in amount than Cæsar, Gallic War, I-IV, selected by the schools from Cæsar (Gallic War and Civil War), and Nepos (Lives); but the passages set will be chosen with a view to sight translation. The paper will include easy grammatical questions and some simple composition.

- (b) *For those who offer 4 units in Latin (or 3 units, if the Vergil or Cicero be omitted).*

Grammar (Latin 1).

Elementary Prose Composition (Latin 2) or Advanced Prose Composition (Latin 6).

Cicero and Sight Translation of Prose (Latin 4).

Vergil and Sight Translation of Poetry (Latin 5).

In Latin 1, 2, 4, and 6, the examination will presuppose the reading of the required amount of prose (see I, 1 and 2), including the prose works prescribed (see II, 2); the examination in Latin 5 will presuppose the reading of the required amount of poetry, including the poetical works prescribed.

GREEK

Two-year Greek (Cp. 2), admitting to Greek 1. Xenophon's *Anabasis*, Books I-IV. Elementary grammar and prose composition based on the first two books of Xenophon's *Anabasis*.

Third Year Greek (Greek H), admitting to Greek 2. Homer's *Iliad*, Books I-III (omitting Book II, 494 end) and the Homeric forms, constructions, idioms and prosody. Sight translation and advanced prose composition.

GERMAN

German A (Cp. 2), admitting to German 1. A knowledge of German grammar and vocabulary sufficient to enable the candidate to translate at sight into idiomatic English easy passages taken from modern German prose; to write out typical declensional and conjugational paradigms and such other grammatical forms as are usually given in school grammars; and to translate into German simple English sentences or a piece of easy connected prose.

Candidates should have read in preparation not less than three hundred pages of modern German, including reading at sight, from the works of at least three different authors.

German B, admitting to German 2. A more thorough knowledge of grammar, vocabulary and idiom than that re-

quired for German A, enabling the candidate to read at sight more difficult prose as well as poetry, and to translate into German a number of English sentences or a piece of connected prose requiring both appreciation of the English idiom and knowledge of the corresponding German idiom. The work done in German 1 (see page 68) will be considered adequate for preparation.

Students presenting themselves for examination in German B will not be given credit for it unless they pass also the examination in German Cp. 2.

Students who fail in the examination in German Cp. 2 will not be allowed to enter German 1 without special permission of the instructor; students who fail in the examination in German B will not be permitted to present themselves for re-examination in German B if they have taken German in college.

FRENCH

French A (Cp. 2), admitting to French 1. (a) Proficiency in elementary grammar including the more common irregular verbs. (b) Ability to translate simple French prose and to put into French short sentences requiring a knowledge of the simpler idioms. Candidates should have read in preparation not less than three hundred pages, including reading at sight, from the works of at least three different authors.

French B, admitting to French 2. (a) Thorough knowledge of the fundamentals of grammar. (b) Ability to translate ordinary French of the nineteenth century. (c) Command of idiom sufficient to put into French a connected passage of simple English prose. As preparation an equivalent of the work done in French 1 (see page 67) is adequate.

Students who have presented themselves for examination in French B will not be given credit for it unless they have passed also the examination in French Cp. 2.

SPANISH

Two examinations, Spanish Cp. 2 and Spanish B, are offered, and the requirements are identical with those given above for French Cp. 2 and French B.

BOTANY

The requirement will be one year's text-book and laboratory work. The student will be expected to have a fairly definite knowledge of the seed and seedling, root, stem, and leaf, the flower and fruit, the cell, and the natural history and classification of plants.

CHEMISTRY

The requirements in chemistry will comprehend systematic instruction in the occurrence, preparation, properties and uses of some of the commoner elements, including hydrogen, oxygen, carbon, chlorine, sulfur and nitrogen, and their compounds, and in the simpler physico-chemical theories and laws, including the atomic theory, the gas laws, and the laws of chemical combination. This is to be accompanied by an adequate course of experiments performed by the student.

PHYSICS

The requirement will be one year's work, covering mechanics, sound, heat, light, magnetism, and electricity. Emphasis will be laid upon the solution of problems. At least two hours per week of laboratory work must be included.

BIBLE

The requirement in Biblical subjects is in accord with the recommendations of The Commission on the Definition of a Unit of Bible Study for Secondary Schools, and gives an option of three types of courses, each the equivalent of four hours of recitation per week for twenty weeks, any two of which may be offered as a minimum requirement. These may be described briefly as:

I. A course comparable as to method with courses in English Literature followed with students of the same grade which shall cover sixty narrative and poetic passages in the Old Testament as specified.

II and III. Courses comparable as to method with courses in European and American history followed with students of the same grade in the political, social, and cultural development of the Hebrew people from 1200 B. C. to 70 A. D., or

The development of Christianity from the reign of Augustus to the persecution of Christianity under Domitian.

COURSE OF STUDY

The course of study includes both required and elective subjects, thus combining the breadth of knowledge and culture that comes from variety of studies with opportunity for concentration on limited fields. In addition to a general course in arts or in science, by proper choice of electives more specialized courses can be taken in preparation for professions as described below.

GENERAL REQUIREMENTS FOR BACHELOR'S DEGREE

Languages. English and courses in two foreign languages must be taken in Freshman year. Candidates for the A.B. degree must continue either Greek or Latin through Freshman and Sophomore years; either Latin 2 or Greek 1 must be completed for the A.B. degree. Candidates for the S.B. degree must continue either French or German through both Freshman and Sophomore years. English D is required as an extra course of Sophomores whose work in composition for English 1 falls below a certain standard.

Mathematics and Science. Mathematics 1 and 1' must be taken in Freshman year. One course in laboratory science is required before graduation. Candidates for the A.B. degree must take *one* course from the group *biology, chemistry, physics, and mathematics* after Freshman year. Candidates for the S.B. degree must take *two* courses from the group *biology, chemistry, physics, and mathematics* after Freshman year.

Economics, History, Biblical Literature, Psychology and Ethics. The required courses in these subjects are specified on page 45.

Majors and Minors. In order to encourage proper concentration it is required that after Freshman year at least

three full courses be taken in one department and at least two full courses in each of two other departments. The three courses must be distributed over at least two years. In fulfilment of this requirement no account shall be taken of courses intended primarily for Freshmen (namely, Biology 1a, Engineering 1 and 1', English 1, French A, German A, Mathematics 1 and 1', Physics A) even though these courses be taken after Freshman year.

Maximum and Minimum Schedule. The minimum schedule for any student is five courses, except that, in addition, Sophomores are required to take Physical Training and Freshmen are required to take Physical Training and Biology 1a. Not more than one additional course may be taken in any half-year, except by special permission of the Dean.

Conflicting Courses. A student is not allowed to elect conflicting courses, except with the permission of the Dean and the two instructors concerned.

SPECIAL PLANS OF STUDY IN PREPARATION FOR PROFESSIONS

A large and increasing number of Haverford College students desire on graduation to enter upon courses of study fitting them for professions. For students desiring intensive preliminary training in engineering, medicine, and other highly specialized subjects, the College offers combinations of courses which admit to the best professional schools in the country with full standing, and in many cases with advanced credit.

To illustrate this feature of the curriculum there are presented below sample outlines of study for the four years, preparatory to specialization in Engineering, Medicine, Law, and Business Administration. Similar outlines might be prepared for other professions,—teaching, the

ministry, journalism, industrial chemistry, etc. The student will in all cases consult with his Faculty Adviser and the professors concerned in his choice of courses. In addition to the courses given in the schedule, there are elective *honor courses* in which the student receives individual attention in advanced work to suit his particular needs.

It is understood that each of the outlines given below is a sample only, presenting one among many possibilities, and is not intended to be a prescribed program.

Preparation for Engineering.

Engineering today covers an extremely broad field of service, and there is accordingly no standard type of training suitable for all students preparing themselves for an engineering career.

Students not intending to enter the highly specialized fields of design and research will find the Haverford course ample for their needs. Graduates of Haverford who have majored in engineering are admitted to the student-engineers' courses of the leading industrial companies on equal terms with graduates of the larger engineering colleges.

Those men who desire to specialize on the technical side of engineering and who are planning to continue their professional work at another school, will, ordinarily, elect only those engineering courses that are required for the first two years of the particular school to which they are going.

A course in General Engineering similar to those variously announced as "Engineering Administration," "Commercial Engineering," etc., is outlined below. In addition to the outline following, other combinations of studies may be arranged to meet special needs. In this outline the *major* is engineering and the *minors*, economics and mathematics.

FRESHMAN YEAR

English Composition and Literature*
 Foreign Language*
 Foreign Language*
 Algebra, Geometry, and Trigonometry*
 Principles of Engineering Drawing
 Descriptive Geometry and Pattern Work
 Physical Training*

SOPHOMORE YEAR

Foreign Language*
 History*
 Principles of Economics*
 Analytics and Differential Calculus
 General Physics
 Mechanism
 Working Drawings and Metalwork
 Physical Training*

JUNIOR YEAR

Biblical Literature*
 Psychology*
 Labor Problems and Personnel Administration
 Integral Calculus and Differential Equations
 Inorganic Chemistry
 Elements of Applied Electricity
 Direct-Current Apparatus
 Surveying

SENIOR YEAR

Ethics*
 Business Organization and Finance
 Modern Social Problems
 English Literature
 Theoretical Mechanics
 Strength of Materials
 Alternating Currents
 Heat Engines
 Graphics and Empirical Design

* Required of all students.

Preparation for Medicine. Owing to the increased admission requirements of the medical schools it is necessary for a student intending to study medicine to plan his college course carefully in order to avoid conflicts between necessary courses and to avoid overloading with laboratory courses in his junior and senior years. All of the leading medical schools require the equivalent of the following Haverford courses: English 1, Biology 2, Chemistry 1, 2, and 4, Physics A and 1, and either French or German A and 1. Johns Hopkins University requires both French and German and also elementary Latin. The Uni-

versity of Pennsylvania requires an additional course in English. In addition to these courses, medical school authorities advise certain other courses in pre-medical sciences.

A prospective physician should ordinarily make his *major* either biology or chemistry and one of his *minors* chemistry or biology. A student who already has a good educational background may elect certain advanced courses in biology which actually overlap the work of a medical school, and may thus enter his medical course with special advantages.

It is possible for a student to graduate from Haverford with either the A.B. or the S.B. degree and fulfill all the requirements for admission to medical school. In the sample pre-medical schedule given the *major* is biology and the *minors* chemistry and physics.

FRESHMAN YEAR

English Composition and Literature*
 Foreign Language*
 Foreign Language*
 Mathematics*
 Inorganic Chemistry
 Physical Training*

SOPHOMORE YEAR

Foreign Language*
 History*
 Principles of Economics*
 Language
 Elementary Principles of Biology
 Chemistry, Qualitative Analysis
 Physical Training*

JUNIOR YEAR

Biblical Literature*
 Psychology*
 English Literature
 Organic Chemistry
 Comparative Anatomy of Vertebrates
 General Physics

SENIOR YEAR

Ethics*
 English Literature
 Physical Chemistry
 Biology
 Biology
 Physics, Radio-activity

* Required of all students.

Preparation for the Law, and for Business Administration. There are no particular studies indicated as entrance requirements by the law schools, though in some cases the applicant must hold a college degree. It is obvious, however, that a choice of electives may be made which will be of great value to the student in the study and practice of his profession. With a few unimportant changes this choice is also appropriate for a future career of business administration, whether the candidate continues study at a graduate school or engages directly in business.

FRESHMAN YEAR

English Composition and Literature*
 Foreign Language*
 Foreign Language*
 Mathematics*
 English History
 Physical Training*

SOPHOMORE YEAR

Foreign Language*
 Language
 History*
 Principles of Economics*
 Laboratory Science
 Medieval History
 Physical Training*

JUNIOR YEAR

Biblical Literature*
 Psychology*
 Labor Problems and Personnel Administration
 English Constitutional History
 Argumentation and Debating
 Advanced Composition
 Roman Law
 Transportation or Economic Problems

SENIOR YEAR

Ethics*
 English Literature
 History of Philosophy
 Modern History
 Business Organization and Finance
 Money and Banking

* Required of all students.

CURRICULUM

Freshman Year

English 1

Two from $\left\{ \begin{array}{l} \text{Latin A or 1} \\ \text{Greek A, 1, or 2} \\ \text{German A, 1, or 2} \\ \text{French A, 1, or 2} \end{array} \right.$

Mathematics 1 and 1'

One from $\left\{ \begin{array}{l} \text{Chemistry 1} \\ \text{Physics A} \\ \text{Engineering 1} \\ \text{History 1} \end{array} \right.$

Physical Training (Biology 1a in first quarter)

Sophomore Year

English D if required

History 2a* and Economics 1b

One of the languages taken in Freshman year

Three full-year courses from $\left\{ \begin{array}{l} \text{Greek A, 1, 2, or 6b} \\ \text{Latin A, 1, or 2} \\ \text{English 3, 5a, 6b} \\ \text{German A, 1, or 2} \\ \text{French A, 1, or 2} \\ \text{Mathematics 2} \\ \text{History 1, 5 and 6 (prerequisite History 1)} \\ \text{Astronomy 1a, 2b} \\ \text{Biology 2} \\ \text{Chemistry 1, 2, 3, or 4} \\ \text{Physics 1, 4a} \\ \text{Engineering 2, 6b} \end{array} \right.$

Physical Training

Junior Year

Biblical Literature 1a or 4a, and Philosophy 1b; four elective courses

Senior Year

Philosophy 5a; four and one-half elective courses.

* Students who have passed American History in the last year of their preparatory school course may substitute for History 2a an elective from the list below.

SCHEDULE OF CLASSES FOR THE YEAR 1924-1925

Courses enclosed in parentheses are not offered in 1924-25.

a=first half-year.

b=second half-year.

Eng.=English.

Engin.=Engineering.

Classes in Biblical Literature 1a, Economics 1b, English 1, French 1 and 2, Mathematics 1 and 1' and History 2a are divided and meet in sections. The sections of a divided class are distinguished by affixed superior numbers, as Economics 1b¹, Economics 1b², etc. For additional courses offered, see note at foot of schedule.

	8.30	9.30	10.30	11.30	12.30	1.00	1.30	2.00	3.00	4.00
MONDAY	Math. 1c' Econ. 2a, 3b Philosophy 2b English 3 Engin. 4a Biol. 10a, 11b Eng. 16b, (21b) English 17a	Economics 1b ¹ French 1 ¹ German 1 Greek 1 French 2 ¹ History 2a ¹ French 3 Physics 3 History (4), 6	←Chem. 1, 2, 3, Physics A Spanish A Astron. 1a, 2b History 1 German 3, (4) Philosophy 4 Eng. 13a, 15b	(4), 5 Lab.— Chemistry 1 Spanish 1 History 3 Econ. 4a, 6b Biology (6b) Engineering 10 Eng. 12a, (20a) Eng. 12b, (14b)	→				English 1 ¹ , 1 ² Latin 2 History (5)	Bib. Lit. 1a ¹ , 4a Econ. 1b ² , 1b ³ Latin 1 Philosophy 1b History 2a ² Philosophy 5a
TUESDAY	Geology 1a Math. 1, 1' Engin. 2a, 6b German 2 Chemistry 3 Econ. 5a, (7b) Greek 6b Biol. 8a, 9b History 10b	French 1 ² Physics 1 Sociology 1a, 2b Bib. Lit. 2b, 3a French 2 ² French (4) Math. 4 English 6b Biology 7	French A German A Greek A Bib. Lit. 1a ² , 5b Math. 2 Math. 3 Eng. (7a), 11a English 8b	(Italian A) Chemistry 1 Biology 2 History 3 Econ. 4a, 6b Engineering 10 Eng. 12a, (20a) Eng. 12b, (14b)	→				←Chem. 1, 2, 3, Engin. 1, 2a, 2b, ←Biology 2, 3*, →	(4), 5 Lab.— 3a, 6b Lab.— (5*) Lab.—
WEDNESDAY	Math. 1c' Econ. 2a, 3b Philosophy 2b English 3 Engin. 4a, 5b Chemistry (4) Biol. 10a, 11b Eng. 16b, (21b) English 17a	French 1 ¹ German 1 Greek 1 French 2 ¹ History 2a ¹ French 3 Physics 3 History (4), 6	←Chemistry 1 Physics A Spanish A Astron. 1a, 2b History 1 Chemistry 2 German 3, (4) Philosophy 4 Eng. 13a, 15b	Laboratory— Bib. Lit. 1a ¹ , 1a ² Econ. 1b ¹ , 1b ² , 1b ³ Latin 1 Philosophy 1b History 2a ² Philosophy 5a	→				←English 1 ¹ , 1 ² Physics 1 Labo Spanish 1 Latin 2 History (5) Biology (6b) La →	Biology 1a ratory —→ Bib. Lit. 4a laboratory —→
THURSDAY	Geology 1a Math. 1, 1' Engin. 2a, 6b German 2 Chemistry 5 Econ. 5a, (7b) Greek 6b Biol. 8a, 9b History 10b	French 1 ² Physics 1 Sociology 1a, 2b Bib. Lit. 2b, 3a French 2 ² French (4) Math. 4 English 6b Biology 7	French A German A Greek A Bib. Lit. 1a ² , 5b Math. 2 Math. 3 Eng. (7a), 11a English 8b	Meeting 11.45-12.45 but omitted on the next to the last Thursday in each month.	→				←Chem. 1, 2, 3, (Italian A) ←Engin. 1, 2b, ←Biology 2, 3*, →	(4), 5 Lab.— 3a Lab.— (5*) Lab.—
FRIDAY	Math. 1, 1' Econ. 2a, 3b Philosophy 2b English 3 Engin. 4a, 5b Chemistry (4) Biol. 10a, 11b Eng. 16b, (21b) English 17a	←Physics A La Economics 1b ¹ French 1 ¹ German 1 Greek 1 French 2 ¹ History 2a ¹ French 3 Physics 3 History (4), 6	b. (2½ hours) ←Chem. 2, 3, Spanish A Astron. 1a, 2b History 1 German 3, (4) Philosophy 4 ←Biology (6b) Eng. 13a, 15b	required) —→ (4), 5 Lab.— Chemistry 1 Spanish 1 History 3 Econ. 4a, 6b Laboratory— Engineering 10 Eng. 12a, (20a) Eng. 12b, (14b)	→				English 1 ¹ , 1 ² Latin 2 History (5)	Bib. Lit. 1a ¹ , 4a Econ. 1b ² , 1b ³ Latin 1 Philosophy 1b History 2a ² Philosophy 5a
SATURDAY	Geology 1a Math. 1, 1' German 2 Chemistry 5 Econ. 5a, (7b) Greek 6b Biol. 8a, 9b History 10	French 1 ² Physics 1 Sociology 1a, 2b Bib. Lit. 2b, 3a French 2 ² French (4) Math. 4 English 6b Biology 7	French A German A Greek A ←Engin. 1, 2b, Math. 2 Math. 3 Bib. Lit. 5b Eng. (7a), 11a English 8b	(Italian A) 3a Laboratory— Biology 2	→				The following unscheduled courses are offered, the hours for which will be arranged to suit the schedules of the students electing them: Biblical Literature 6a or 6b; Biology 4; Chemistry 6, 7; Engineering 3b, 5b; Laboratory 11; English D; French 5; Greek 2, 3, 4, 5a or 5b; Latin A, 3a or 3b, 4, 5; Mathematics 5, 6, 7, 8, 9, 9; Philosophy 6; Physics 2, 4, 5, 10.	

* Biology 3, (5) lecture hour arranged by consultation.

COURSES OF INSTRUCTION

In the following list, courses are grouped alphabetically by subjects—astronomy, Biblical literature, etc. Note that *Sociology* is grouped with *Economics* under *Economics and Sociology*.

ASTRONOMY

The Haverford College Observatory affords students the means of becoming familiar with the use of astronomical instruments, and of acquiring from actual observation a practical acquaintance with astronomy.

The equipment consists of an equatorial telescope with 10-inch object glass by Clark, eyepieces, filar micrometer and a Grubb prismatic spectroscope; a meridian circle telescope of $3\frac{3}{4}$ -inch aperture; a combined transit and zenith telescope of $1\frac{3}{4}$ -inch aperture; two sextants; two clocks; a chronograph by Bond; charts, globes, and instruments for elementary laboratory exercises. The astronomical library is housed in the Observatory.

The latitude of the Observatory is $40^{\circ} 0' 40.1''$ north; its longitude, 5 h. 1 m. 14.5 sec. west from Greenwich.

1a. *Descriptive Astronomy*. The leading facts of astronomy with an elementary explanation of the methods by which they are ascertained. One of the three hours of the course will be used as a laboratory period devoted to the study of the constellations, the handling of the telescopes (used for illustration of the text), problems with the globe, and study of the *American Ephemeris*. Moulton, *Introduction to Astronomy*.

M. W. F. 10.30, first half-year; PROFESSOR WILSON.
[Offered in 1924-25, but not in the year following.]

2b. Practical Astronomy. A study of the sextant, transit, and equatorial; practice in the determination of instrumental constants, latitude, and time. The course is opened with a brief review of the essentials of spherical trigonometry. Campbell, *Practical Astronomy*, with use of the *American Ephemeris*. Lectures and observatory work. Prerequisite, *Astronomy 1a*.

M. W. F. 10.30, second half-year; PROFESSOR WILSON.
[Offered in 1924-25, but not in the year following.]

BIBLICAL LITERATURE

All Juniors are required to take either *1a* or *4a*. The other courses are elective.

1a. Introduction to the Old and New Testaments. The literature of the Bible with its historical background.

Sec. 1—M. F. 3.00, W. 11.30; Sec. 2—Tu. Th. 10.30, W. 11.30; first half-year; PROFESSOR GRANT.

2b. Introduction to the New Testament. The life and thought between the Testaments; the development of the writings of the New Testament; their origin, purpose, and contents. Prerequisite, *Biblical Literature 1a*.

Tu. Th. S. 9.30, second half-year; PROFESSOR GRANT.

3a. Christian Ideals. The chief teachings of the New Testament; their rise and development.

Tu. Th. S. 9.30, first half-year; PROFESSOR GRANT.

4a. Greek New Testament. Reading in Greek of the New Testament and other early Christian writings, two hours a week. Lectures, one hour a week, in explanation of the historical and literary content.

M. W. F. 3.00, first half-year;

PROFESSORS GRANT and POST.

5b. *The Thoughts and Ideals of the Old Testament.* Their origins, relationships, and influence. Prerequisite, *Biblical Literature 1a.*

Tu. Th. S. 10.30, second half-year; PROFESSOR GRANT.

6a or b. *Biblical and Oriental Conference.* Different problems within the field will be chosen each half-year for investigation. May be taken as a year course, or in either half.

Hours to be arranged; PROFESSOR GRANT.

BIOLOGY

The biological laboratory occupies the upper two floors of Sharpless Hall, the upper west wing being devoted to a laboratory of physiology and hygiene. It is equipped with microscopes, reagents, and other necessary apparatus and appliances. It also contains several hundred biological works and zoological, anatomical, and botanical charts.

The courses of the department are suitable for students intending to study medicine. Course 1 is required of all Freshmen. Courses 2 to 11 are elective, but Courses 3 to 5, inclusive, must be preceded by Course 2.

1a. *Physiology and Hygiene.* This course is preparatory to the general physical training required by the College, and includes a series of lectures, with collateral text-book reading, on basic physiology and hygiene, theory of physical training, with special emphasis on preventive health measures and hygiene of the special sense organs.

W. 3.00, first half-year; PROFESSOR BABBITT.

2. *Elementary Biology.* The lectures of this course are devoted to a discussion of the fundamental principles of the structure and life-processes of animals and plants and

also of some of the more important questions relating to their origin and evolution. The laboratory periods are devoted to the practical study of typical representatives of some of the greater groups of animals and plants. Occasional field excursions are taken in order to study animals and plants in their natural environment. Two lectures and two laboratory periods a week.

Lectures, Tu. S. 11.30; laboratory, Tu. Th. 1.30-4.00;

PROFESSOR PRATT.

3. *Comparative Anatomy of Vertebrates.* The laboratory work of this course includes the dissection and study of a cartilaginous and a bony fish, an amphibian, a reptile, a bird, and a mammal. One lecture and two laboratory periods a week.

Lecture hour to be arranged; laboratory, Tu. Th. 1.30-4.00;

PROFESSOR PRATT.

[Offered in 1924-25, but not in the year following.]

4. *General Morphology.* This course is intended for those who may wish to make a more extended study of any group of animals or plants than is possible in the other courses.

3 hours or more, to be arranged;

PROFESSOR PRATT.

5. *Histology and Embryology of Vertebrates.* The laboratory work in this course is devoted to the study of vertebrate histology and to the embryology of the frog, the chick and the pig. One lecture and two laboratory periods a week.

Lecture hour to be arranged; laboratory, Tu. Th. 1.30-4.00;

PROFESSOR PRATT.

[Not offered in 1924-25.]

6b. *General Botany*. The laboratory work of this course consists of the dissection and study of typical representatives of the principal groups of plants. One lecture or recitation and two laboratory periods a week.

Lecture M. 11.30; laboratory W. 1.30-4.00, F. 10.30-1.00; second half-year;

PROFESSOR PRATT.

[Not offered in 1924-25.]

7. *Evolution and Heredity*. This is a general cultural course, intended not only for scientific students but for all who wish to be informed on current biological matters and theories. It consists of lectures and readings on animals and plants, and on the most important theories of the nature and maintenance of life and of evolution and heredity.

Tu. Th. S. 9.30;

PROFESSOR PRATT.

[Offered in 1924-25, but not in the year following.]

8a. *Human Anatomy*. A course in general and applied anatomy preparatory to medical, legal, and teaching professions. This includes general osteology, syndesmology, and myology and the complete anatomy of the upper and lower extremities. The equipment includes skeleton, manikin, models, and charts. The course will be supplemented by visits to the dissecting rooms and anatomical museums in Philadelphia.

Tu. Th. S. 8.30, first half-year;

PROFESSOR BABBITT.

9b. *Advanced Anatomy*. This continues the previous course and includes special study of organs in the thoracic and abdominal cavities and general nervous system. The functional as well as the morphologic side will be emphasized, and intensive study of general nutrition, internal secretions, and cerebro-spinal system will be included.

Tu. Th. S. 8.30, second half-year;

PROFESSOR BABBITT.

10a. *General Bacteriology*. A course in general and pathogenic bacteriology. It includes laboratory investigation of molds, yeasts, and household bacteriology, followed by the more important pathogenic types, with facilities for study of culture media. Municipal sanitation and general epidemiology will also be included and visits made to the public laboratories of hygiene.

M. W. F. 8.30, first half-year;

PROFESSOR BABBITT and DR. TAYLOR.

11b. *Advanced and Applied Physiology*. This is a course in general physiological study, both theoretical and laboratory, of the internal organs, and includes special analysis of blood, digestive secretions, general excretions, and a careful functional study of thoracic, abdominal and reproductive organs, as well as brain and nervous system. Special provision is made for study of the heart and circulatory organs.

M. W. F. 8.30, second half-year;

PROFESSOR BABBITT and DR. TAYLOR.

CHEMISTRY

The Lyman Beecher Hall Chemistry Laboratory is a three-story building with working space in the two large laboratories for upwards of 150 students. It is a modern structure, equipped with water, gas, compressed air, alternating and direct current electricity, and with an excellent system of forced draft ventilation. The apparatus equipment is ample for the undergraduate courses and for research work.

Course 1 is planned to be of general educational value and to give at the same time an accurate knowledge of elementary chemistry. The more advanced courses are

designed primarily to satisfy the requirements for admission to the medical schools and to furnish as thorough a training as time will permit in the fundamentals of the science for those who will proceed to graduate study in chemistry and in engineering at the universities. Students intending to study medicine or to specialize in chemistry are advised to begin chemistry in their Freshman year. Students intending to elect chemistry as a profession should include French, German, mathematics, and physics in their curriculum.

Chemistry 1, or its equivalent, is prerequisite to all other courses in chemistry, although students meeting certain conditions may be admitted directly to Chemistry 2 or Chemistry 4 on the basis of their preparatory school chemistry. Information regarding these conditions will be furnished by the Professor of Chemistry upon application before the opening of the college year.

Course 4 will be omitted in 1924-1925 and Courses 3 and 5 in 1925-1926. For information concerning prizes in chemistry see pages 96 and 100.

1. *General and Inorganic Chemistry.* Preparation, properties, and uses of the commoner elements and their compounds. Fundamental laws and theories, including the theory of ionization and some of its applications. Metallurgy of iron, copper and other metals. Manufacture of sulfuric acid, soda, glass, porcelain, cement, and fuel gases. The laboratory work will illustrate and supplement the facts brought out in the lectures, and will include in addition the qualitative analysis of single salts. 2 hours lectures and 5 hours laboratory work; 4 hours lectures in the 4th quarter. Norris and Mark, *Laboratory Exercises in Inorganic Chemistry*.

There will be an advanced section in connection with this course to which those who have had chemistry in preparatory school may be admitted.

Lectures Tu. F. 11.30, and occasionally M. 11.30; laboratory M. W. 10.30-1.00, or Tu. Th. 1.30-4.00;

PROFESSOR MELDRUM and MR. SLOAT.

2. *Qualitative Analysis*. The lectures will deal with spectrum analysis, colloids, and the ionization theory and its applications in explaining solution phenomena and the mechanism of chemical reactions in solution. The laboratory work will consist of the systematic separation and identification of the commoner metals and acid radicals usually met with in inorganic chemistry, and the qualitative analysis of "unknown" solutions, minerals, alloys and other substances. 1 hour lecture and 5 hours laboratory work. A. A. Noyes, *Qualitative Analysis*; Stieglitz, *Qualitative Analysis Part I*. Prerequisite, *Chemistry 1* or its equivalent.

Lecture W. 10.30; laboratory M. F. 10.30-1.00, or Tu. Th. 1.30-4.00;

PROFESSOR MELDRUM and MR. WOLFF.

3a and 3b. *Quantitative Analysis*. The course may be elected for the first half-year or for the entire year. Lectures on the general principles of gravimetric, volumetric, electrolytic and colorimetric methods of analysis, the preparation of pure substances, and illustrative types of quantitative separations. In the laboratory typical methods will be applied. Prerequisite, (except in special cases), *Chemistry 2*. 1 hour lecture and 5 hours laboratory work first half-year; 7½ hours laboratory work second half-year.

Lecture Tu. 8.30; laboratory M. F. 10.30-1.00, or Tu. Th. 1.30-4.00;

PROFESSOR MELDRUM.

[Offered in 1924-25, but not in the year following.]

4. *Organic Chemistry*. The study of the compounds of carbon, including both aliphatic and aromatic derivatives. 2 hours lectures and 2½ hours laboratory work.

An additional period of 2½ hours laboratory work must be taken by students intending to enter the medical school of Harvard University or Johns Hopkins University, in order to meet minimum requirements for admission. This additional laboratory work will include the qualitative and quantitative analysis of organic substances. West, *Experimental Organic Chemistry*. Prerequisite, *Chemistry 1* or its equivalent.

Lectures, W. F. 8.30; laboratory, M. F. 10.30-1.00, or Tu. Th. 1.30-4.00. If the course be elected with one period only, any of these four may be chosen.

PROFESSOR MELDRUM and MR. WOLFF.

[Not offered in 1924-25.]

5a and 5b. *Physical Chemistry*. May be elected for the entire year, or for either half-year. Course 5a will include discussion of such topics as: General properties of solids, liquids and gases; surface tension; gas laws, critical phenomena; liquefaction of gases; the phase rule; thermochemistry and elementary thermodynamics. Course 5b will include: Chemical kinetics; osmotic pressure and other solution phenomena; and electrochemistry, with special study of hydrogen ion concentration measurement.

The laboratory work will consist of experiments to illustrate the topics discussed in the lectures and give training in accurate physico-chemical measurements. It will include measurements of hydrogen ion concentration and electro-metric titration. Prerequisite, *Chemistry 2*. 2 hours lec-

tures and 2½ hours laboratory work. Getman, *Theoretical Chemistry*.

Lectures, Th. S. 8.30; laboratory, one period selected from: M. F. 10.30-1.00; Tu. Th. 1.30-4.00;

PROFESSOR MELDRUM.

[Offered in 1924-25, but not in the year following.]

6. *Chemical Research*. Open only to Seniors and Graduate Students. May be elected as one or more courses. Research in inorganic and physical chemistry. Prerequisites, *Chemistry 2, 3, 4*, or their equivalents.

7. *Chemistry Seminar*. Seminar courses, not more than two each year, may be arranged for qualified Seniors and Graduate Students. These courses may be elected only with the permission of the instructor. Courses offered are as follows:

- a. Thermodynamics.
- b. Electrochemistry.
- c. Physiological Chemistry.
- d. Analysis of Water, Coal, and Gas.
- e. Advanced Organic Chemistry.
- f. Advanced Quantitative Analysis.
- g. Metallography.

ECONOMICS AND SOCIOLOGY

Economics 1*b* is required of all Sophomores; Economics 3*b* and Sociology 2*b* must be preceded by Economics 2*a* and Sociology 1*a* respectively, though not necessarily in the same year. All elective courses are open to Juniors and Seniors only.

ECONOMICS

1*b*. *Elementary Economics*. The purpose of this course is to acquaint the student with the fundamental principles of economic science and to promote his preparation for the duties of citizenship. The principles are devel-

oped from a study and discussion of the actual processes and organization of industrial society. Problems are set for solution and discussed in connection with the study of text-books and collateral reading.

Sec. 1—M. F. 9.30, W. 11.30; Sec. 2—M. F. 3.00, W. 11.30; second half year; PROFESSORS BARRETT and WATSON.

2a. Labor Problems. A study is made of the worker in modern economic society. Causes of industrial unrest, and methods of promoting industrial stability, including labor legislation, are analyzed and discussed.

M. W. F. 8.30, first half-year; PROFESSOR WATSON.

3b. Personnel Administration. A study of the efficiency movement as applied to business, especially in the field of industrial relations. A comprehensive study of the nature, objects, and technique of personnel administration in industry will be made. Prerequisite, *Economics 2a*.

M. W. F. 8.30, second half-year; PROFESSOR WATSON.

4a. Money and Banking. The course deals with the principles of money and the functions of a bank, and includes a brief survey of the present practice of banking in leading countries, with an extended study of conditions in the United States. Such problems as the monetary standard, paper money experiments, credit, price movements and their effects on incomes and the cost of living, crises, foreign exchange, and the organization and operation of the Federal Reserve system are considered.

M. Tu. F. 11.30, first half-year; PROFESSOR BARRETT.

5a. Economic Problems. A survey of some phases of the economic field not covered in other courses. The topics treated are selected from the following: Socialism, great fortunes and the distribution of incomes, the coöperative

movement, taxation, public finance, international trade, combinations and trusts, insurance.

Tu. Th. S. 8.30, first half-year; PROFESSOR BARRETT.

6b. *Business Organization and Finance.* A study is made of business organization and functions, with especial emphasis on financing. The topics include forms of organization, covering individual proprietorships, partnerships, and corporations; legal rights and duties of the parties in the organization; the different functions of business enterprise—producing, selling, financing, and management.

M. Tu. F. 11.30, second half-year; PROFESSOR BARRETT.

7b. *Transportation.* The historical development and present status of railway systems and water transportation in the United States are treated. The problems of rate-making, war-time operation, Federal control, nationalization, and governmental regulation of operation, service, rates, credit, and railroad labor, are discussed.

Tu. Th. S. 8.30, second half-year; PROFESSOR BARRETT.

[Not offered in 1924-25.]

8b. *Business Law.* The position of contract law in jurisprudence; essentials to contract, offer and acceptance, consideration, capacity of parties, legality of object, and special formality; operation and discharge of contracts. Readings in text-book and discussion in class of actual and hypothetical cases.

MR. BRADWAY.

[Not given in 1923-24.]

SOCIOLOGY

1a. *Outlines of Sociology.* This course is planned as an introduction to the science of sociology. It aims to acquaint the student with the principles that underlie human association and to afford a perspective and a scientific basis for the problems discussed in Sociology 2b.

Tu. Th. S. 9.30, first half-year; PROFESSOR WATSON.

2b. Social Adjustment. The purpose of this course is to give the student some insight into modern social problems and the methods used in solving them. Social case work, community organization, and social legislation are studied and analyzed. Prerequisite, *Sociology 1a*.

Tu. Th. S. 9.30, second half-year; PROFESSOR WATSON.

ENGINEERING

The engineering courses are designed to give a thorough training in fundamental engineering principles and as far as practicable to illustrate the application of these principles to their associated industries.

Exceptional facilities for observing the practical side of the work are offered by the many manufacturing companies in and near Philadelphia, and frequent inspection trips are made.

The lack of a general or broad education as well as the lack of thoroughness in fundamentals has been quite universally recognized as limiting the usefulness and opportunities of many in the engineering profession. To provide against these deficiencies, students electing courses in engineering will be required to pursue studies of a general nature (history, ethics, economics, languages, etc.) throughout the four years, and to concentrate largely on mathematics, physics, and chemistry, the fundamentals of all engineering. This combination of breadth with thorough groundwork prepares the way for the highest professional development.

A proper selection of electives from the several departments will meet the requirements of varied prospective future careers.*

* See p. 41 for sample schedule in *General Engineering*.

For the needs of those desiring still more advanced technical courses before entering the active work of the profession, very favorable arrangements may be made with technical institutions, all of which grant substantial credit toward advanced standing for work completed at Haverford.

The wood-working and metal-working shops, the laboratory for testing materials and the draughting-room are housed in Whittall Hall. A complete equipment is provided for carrying on bench and machine-tool work in both wood and metal. Steam-engine indicators, standard pressure gauges, calorimeters and electrical measuring-instruments, in connection with the central heating and lighting plant, afford good opportunity for the testing of boilers, engines, air-compressors, dynamos and auxiliaries. A 30,000-pound Riehle screw testing-machine is part of the equipment for testing materials and for studying the laws of stress and strain. The equipment of the draughting-room includes a number of pieces for study and sketching, such as pumps, safety-valves, shaft-hangers, etc.

The electrical engineering laboratory occupies the first floor of the west wing of Founders Hall. The apparatus in this laboratory was selected to illustrate the modern applications as well as the fundamental principles of the science and includes many types of generators and motors, both alternating and direct; a complete line of measuring instruments; arc and incandescent lamps; galvanometers; bridges, standards, etc. Direct and alternating currents of all necessary varieties are available for tests and calibrations.

Courses 1, 2, and 3 are given, normally, in the first or second half-year, as indicated by *a* or *b*, but may be elected, when the student is properly qualified, in either half-year. Special courses in shop methods, in drawing, in descriptive

geometry or in design may be arranged by application to the professor in charge.

1a. *Principles of Mechanical Drawing and Shop Methods.* Lettering, orthographic projection, nomenclature, conventions, principles of perspective for pictorial sketches, etc. Anthony, *Mechanical Drawing*. Two periods a week. Pattern and foundry work. Reference library. One period a week.

Tu. Th. 1.30-4.00, S. 10.30-1.00, half-year;

PROFESSOR CHASE and MR. RANTZ.

1b. *Working Drawings and Shop Methods.* Sketching, detail and assembly drawings, notation, tracings, blue-prints, etc. Two periods a week. Principles of machine-tool work, forging and study of materials. One period a week. Reference Library.

Tu. Th. 1.30-4.00, S. 10.30-1.00, half-year;

PROFESSOR CHASE and MR. RANTZ.

2a. *Mechanism.* Velocity diagrams, quick return motions, transmission gears, valve gears, etc. Two recitations and one draughting-room period a week. Schwamb, Merrill and James, *Elements of Mechanism*.

Lecture, Tu. Th. 8.30; laboratory, Tu. 1.30-4.00; first half-year;

PROFESSOR RITTENHOUSE.

2b. *Descriptive Geometry and Engineering Survey.* Principles and applications of descriptive geometry. Faunce, *Descriptive Geometry*. Two periods a week. Principles of mechanical and electrical machinery. One period a week.

Tu. Th. 1.30-4.00, S. 10.30-1.00, half-year;

PROFESSORS RITTENHOUSE and CHASE and MR. RANTZ.

3a. *Engineering Design.* Empirical and rational methods, including principles of graphic statics.

Tu. Th. 1.30-4.00, S. 10.30-1.00, half-year;

PROFESSORS RITTENHOUSE and CHASE.

3b. *Shop Methods.* Machine-tool work on the lathe, planer, milling machine, shaper, etc. Modern production methods; costs and time studies.

Hours to be arranged, half-year;

MR. RANTZ.

4a. *Heat Engineering.* This course includes a study of steam and gas engines, condensers, air-compressors, steam-boilers, power-plant economies and the cost of power. Horse-power tests are made and efficiencies studied. The thermo-dynamic principles involved are considered in the latter half of the course. An additional hour in valve-gear work may be elected. Allen and Bursley, *Heat Engines*.

M. W. F. 8.30, first half-year; PROFESSOR RITTENHOUSE.

5b. *Mechanics of Materials.* A study of the materials employed in engineering construction; of stress and strain; of beams and columns; of shafting; of girders, trusses, combined stresses, etc. A series of tests on the screw testing-machine is made by each student. Boyd, *Strength of Materials*.

Students completing this course may arrange to take a course in structural design. The work in this will be arranged to suit the needs of those who elect it. It will include graphic statics and the design or analysis of a complete roof or bridge truss.

Lectures, W. F. 8.30; laboratory to be arranged; second half-year;

PROFESSOR RITTENHOUSE.

6b. *Elementary Plane Surveying.* This course covers the fundamental principles and the approved methods of

surveying, computing and plotting. The field work includes the use of the tape, compass, transit and level. Text-book, Tracy, *Plane Surveying*.

Lectures, Tu. Th. 8.30; laboratory, Tu. 1.30-4.00; second half-year;
PROFESSOR RITTENHOUSE.

10a. *Elements of Applied Electricity*. This course while fundamental to the more advanced electrical courses is adapted to the needs of those students desiring practical experience with the common applications of electricity. It includes a study of circuits, generators, motors, lamps, transformers, heaters, the telephone, etc. The instruction is carried on by text-book and laboratory work.

M. Tu. F. 11.30, first half-year;
PROFESSOR RITTENHOUSE.

10b. *Direct Current Apparatus*. A detailed study of direct current apparatus by text-book, lectures and laboratory work. An analysis of power costs and rates, etc.

M. Tu. F. 11.30, second half-year;
PROFESSOR RITTENHOUSE.

11a. *Alternating Current Apparatus*. The theory of alternating currents and a study of alternating current apparatus. At least one laboratory period a week.

Hours to be arranged, first half-year;
PROFESSOR RITTENHOUSE.

11b. *Measurements in Electricity and Magnetism*. This course will be adapted to the needs of the students electing it. A study of units, standards and the calibration of instruments is included. The recent technical publications of the Bureau of Standards and of the engineering societies are used for reference.

Hours to be arranged, second half-year;
PROFESSOR RITTENHOUSE.

ENGLISH LANGUAGE AND LITERATURE

The Department of English offers three fundamental full-year courses in English literature (1, 3, and 13-15) for Freshmen, Sophomores, and Juniors respectively. Additional half-courses in argumentation and debating (5a) and in advanced composition (6b) are open to Sophomores and Juniors. The Department also offers, for Juniors and Seniors who wish to specialize in English, ten limited conference courses, in which groups of a dozen students or less may avail themselves of the opportunity of an intimate and informal discussion of books. (See also *Greek 6b*, Greek Literature in English, Professor Post.)

FUNDAMENTAL COURSES

1. *Freshman English*. This course is designed as a general study of English literature with specific study of a few great books. A long monthly theme is required in connection with the reading of the class. Required of all Freshmen.

M. W. F. 2.00, two sections;

PROFESSOR SNYDER and MR. GRAY.

3. *Sophomore English*. Elizabethan literature, with a special study of Shakespeare. Elective for Sophomores.

M. W. F. 8.30;

MR. GRAY.

5a. *Argumentation and Debating*. Elective for Sophomores and Juniors.

Mon. 8.00 to 10.00 P. M. and one additional hour by appointment;

PROFESSOR SNYDER.

6b. *Advanced Composition*. Elective for Sophomores and Juniors. This course may, with the consent of the instructor, be repeated for full credit.

Tu. Th. S. 9.30, second half-year;

MR. GRAY.

13a. *Nineteenth-Century Poetry*. Interpretative analysis of poems selected from the works of Coleridge, Wordsworth, Scott, Shelley, Byron, Keats, Rossetti, Arnold, and Tennyson. Lectures, classroom discussions, and frequent written tests. Elliott and Foerster, *English Poetry of the Nineteenth Century*. Elective for Juniors.

M. W. F. 10.30, first half-year; PROFESSOR SNYDER.

15b. *Contemporary Drama*. A study of the technique and practice of the modern drama, as illustrated in the works of Ibsen and the best modern dramatists of England and America. Elective for Juniors.

M. W. F. 10.30, second half-year; PROFESSOR SNYDER.

SPECIAL CONFERENCE COURSES

The following seminars are open to Seniors who are taking English as a *major* or a *minor*; also, with the consent of the instructor, to Juniors who are taking English as a *major*. The purpose of these courses is to afford an opportunity for small groups of students (limited to twelve) to confer three times a week with the instructor, and to discuss informally the reports made by members of the conference on the topics assigned for special study.

7a. *Anglo-Saxon*. Prerequisite, one year of *German*.
Tu. Th. S. 10.30, first half-year; MR. GRAY.
[Not offered in 1924-25.]

8b. *Chaucer*. English literature in the thirteenth and fourteenth centuries. Chaucer, *Canterbury Tales*. English and Scottish ballads.

Tu. Th. S. 10.30, second half-year; MR. GRAY.

11a. *Milton*.
Tu. Th. S. 10.30, first half-year; MR. GRAY.
[Offered in 1924-25, but not in the year following.]

12a. *Eighteenth-Century Essay and Drama.*

M. Tu. F. 11.30, first half-year; MR. GRAY.
[Offered in 1924-25, but not in the year following.]

12b. *Eighteenth-Century Novel and Poetry.*

M. Tu. F., 11.30, second half-year; PROFESSOR SNYDER.
[Offered in 1924-25, but not in the year following.]

14b. *Nineteenth-Century Prose.* A rapid reading course in the works of the masters of modern English prose. More than half the semester is spent in studying the great novelists.

M. Tu. F., 11.30, second half-year; PROFESSOR SNYDER.
[Not offered in 1924-25.]

16b. *American Literature.* A brief survey of American poetry and prose from early Colonial days to the present time, with more detailed study of Emerson, Longfellow, Whittier, Lowell, Hawthorne, and Poe.

M. W. F., 8.30, second half-year; PROFESSOR SNYDER.
[Offered in 1924-25, but not in the year following.]

17a. *The Development of the Drama.* A rapid survey of the development of the drama in Greece, Italy, Spain, France, and Germany, illustrated by famous plays read chiefly in translation. An attempt is made to develop in the members of the course a sound idea of dramatic values. Prerequisite, *English 15b*.

M. W. F., 8.30, first half-year; PROFESSOR SNYDER.

20a. *English Poetry and Philosophy.* A study of the philosophic basis of poetry, with special reference to Plato, Wordsworth, and Shelley. Prerequisite, *English 13a*.

M. Tu. F. 11.30, first half-year; MR. GRAY.
[Not offered in 1924-25.]

21b. *Special Topics in Modern Poetry.* A study of Browning and other modern English poets. Prerequisite, *English 13a*.

M. W. F., 8.30, second half-year; PROFESSOR SNYDER.
[Not offered in 1924-25.]

FRENCH

Students wishing to qualify for French 1 may present a satisfactory certificate of their school instruction in French, or may pass an examination in French A.

A. *Course for Beginners.* Elementary grammar and the reading of simple texts. Emphasis will be laid on pronunciation.

Tu. Th. S. 10.30;

MR. OHL.

1. Grammar, composition, and reading, both in the classroom and as outside work. Prerequisite, *French A* or its equivalent.

Sec. 1—M. W. F. 9.30; Sec. 2—Tu. Th. S. 9.30;

MR. OHL.

2. Reading of French classics, both in the classroom and as outside work. Prerequisite, *French 1* or its equivalent.

Sec. 1—M. W. F. 9.30; Sec. 2—Tu. Th. S. 9.30;

PROFESSOR CARPENTER.

3. Rapid reading course in French literature of the eighteenth and nineteenth centuries, both in the classroom and as outside assignments. One hour a week will be devoted to composition. Prerequisite, *French 2*.

M. W. F. 9.30;

PROFESSOR CARPENTER.

4. *History of French Literature.* Lectures, with collateral reading and reports on the history of French litera-

ture from its origins to the present time. Prerequisite, *French 2*.

Tu. Th. S. 9.30;

PRESIDENT COMFORT.

[Not offered in 1924-25.]

5a. Advanced French Composition.

Hours to be arranged;

PROFESSOR CARPENTER.

5b. Introduction to Romance Philology. General phonetics. Bibliography.

Hours to be arranged;

PROFESSOR CARPENTER.

(French *5a* and *5b* are courses primarily intended for those who have in view the teaching profession or graduate study in Romance Languages. They may be elected only by qualified Juniors and Seniors after consultation with the professor in charge.)

GEOLOGY

1a. Elementary Geology. A discussion of the general principles of the science. Excursions are taken occasionally in which the physiographical and geological features of the country about Haverford are studied.

Tu. Th. S., 8.30, first half-year;

PROFESSOR PRATT.

GERMAN

All German courses are elective for those who have satisfactorily completed the prerequisites.

Students wishing to qualify for German 1 may present a satisfactory certificate of their school instruction or may pass an examination in *German A*.

A. Course for Beginners. Grammar, conversation, and the reading of simple texts.

Tu. Th. S. 10.30;

PROFESSOR KELLY.

1. Texts of moderate difficulty are read both in class and as outside work. One hour a week is devoted to composition. Prerequisite, *German A* or the equivalent.

M. W. F. 9.30;

PROFESSOR KELLY.

2. Reading of standard works of German literature. Outside reading includes literary criticisms in German of works read in class. Composition. Prerequisite, *German 1* or the equivalent.

Tu. Th. S. 8.30;

PROFESSOR KELLY.

3. *The Classical Period of German Literature*. Study of major works of Lessing, Goethe, and Schiller. Lectures. A paper is required each half-year presenting the results of fairly exhaustive research on some important topic of eighteenth century literature. Prerequisite, *German 2* or the equivalent.

M. W. F. 10.30;

PROFESSOR KELLY.

[Offered in 1924-25, but not in the year following.]

4. *German Literature of the Nineteenth Century*. The first half-year is devoted to the drama, the second, to the *Roman* and the *Novelle*. Prerequisite, *German 2* or the equivalent.

M. W. F. 10.30;

PROFESSOR KELLY.

[Not offered in 1924-25.]

GREEK

Either Greek 1 and 2 (or A and 1) or Latin 1 and 2 are required of candidates for the A.B. degree. Students presenting two units of Greek for entrance (see page 35) will be admitted to Greek 1; those presenting three units may be admitted to Greek 2.

For New Testament Greek see Biblical Literature 4b.

A. *Course for Beginners*. Thorough study of the

elements of the language, followed by the reading of simple Attic prose. This course gives adequate preparation for Greek 1. Students who do not present Greek for admission and desire to begin the study in College, whether they intend to continue in the more advanced courses or not, are strongly advised to elect Greek A in Freshman year, if possible, rather than later.

Tu. Th. S. 10.30;

PROFESSOR POST.

1. *Freshman Greek*. A rapid reading course in such authors as Homer, Herodotus, Euripides and Plato.

M. W. F. 9.30;

PROFESSOR POST.

2. *Sophomore Greek*. History of Greek literature. Menander, Aristophanes and the tragedians are read.

Hours to be arranged;

PROFESSOR POST.

3. *Advanced Greek*. The instructor will arrange with students electing this course for systematic study of special subjects in Greek history, philosophy or literature in connection with the reading of Greek authors.

Hours to be arranged;

PROFESSOR POST.

4. *Advanced Greek*. A continuation of the work done in Greek 3.

Hours to be arranged;

PROFESSOR POST.

5a or 5b. *Advanced Greek Prose Composition*. This course should be taken by all candidates for honors in Greek.

Hours to be arranged;

PROFESSOR POST.

6b. *Greek Literature in English*. Lectures on Greek literature. Reading of Greek classics in translation. Essays and discussions. This course is intended primarily for students of literature who have not taken Greek 2. For the purpose of calculating majors and minors, it may be counted as a course in English.

Tu. Th. S. 8.30; second half-year;

PROFESSOR POST.

[Offered in 1924-25, but not in the year following.]

HISTORY

Course 1 is elective for Freshmen and Sophomores. Course 2a is optional for those Sophomores who have had American History in the last year of their preparatory school course, but is required of all others. Courses 3, 4, 5 and 6 are elective for Juniors and Seniors; and Courses 5 and 6 are elective also for Sophomores who have had History 1.

1. *English History.* A survey of political, constitutional, economic, and social history, intended as an introductory course. Open to Freshmen and Sophomores.

M. W. F. 10.30;

PROFESSOR LUNT.

2a. *American Colonial History.* A general survey of the colonial period emphasizing those features most necessary to an understanding of later institutional and social development. Required course for Sophomores as indicated above.

Sec. 1—M. W. F. 9.30; Sec. 2—M. F. 3.00, W. 11.30;

first half-year;

PROFESSOR KELSEY.

3. *United States History Since 1783.* A general course covering the constitutional period. Emphasis throughout is placed upon constitutional development and upon such other phases of growth as help to explain the political and social problems of the present. Open only to Juniors and Seniors.

Note: In the academic year 1924-1925 those students who took the former *History 2a* (period 1783-1860) may enter this course in the second semester.

M. Tu. F. 11.30;

PROFESSOR KELSEY.

4. *English Constitutional History.* A study of the formation and growth of English institutions, designed to

be useful particularly to those who are interested in government and law. Elective for Juniors and Seniors.

M. W. F. 9.30;

PROFESSOR LUNT.

[Not offered in 1924-25.]

5. *Medieval History*. A survey of the history of Europe from the time of the barbarian invasions to about 1600. This course is given only in alternate years. Elective for Juniors and Seniors. Sophomores who have had History 1 may also enter this course.

M. W. F. 2.00;

PROFESSOR LUNT.

[Not offered in 1924-25.]

6. *Modern European History*. A survey of the history of Europe from about 1600 to the present. Elective for Juniors and Seniors. Sophomores who have had History 1 may enter the course. Given in alternate years.

M. W. F. 9.30;

PROFESSOR LUNT.

[Offered in 1924-25.]

10b. *Greek History*. In this course the history of ancient Greece to the Roman period is covered in outline. Particular attention is paid to literary sources in translation, to the political and artistic development of Athens, and to the history of federal government. A text-book is used, supplemented by lectures, outside reading, and frequent reports on special topics.

Tu. Th. S. 8.30, second half-year;

PROFESSOR POST.

[Not offered in 1924-25.]

ITALIAN

A. *Course for Beginners*. Grammar, composition, and reading. Primarily for Juniors and Seniors.

Tu. S. 11.30, Th. 2.00;

PROFESSOR CARPENTER.

[Not offered in 1924-25.]

LATIN

Either Latin 1 and 2 or Greek 1 and 2 (or A and 1) are required of candidates for the A.B. degree in Freshman and Sophomore years respectively. All Latin courses are open as electives to those properly qualified.

A. *Preparatory Latin.* Cicero and Vergil. This course may not be taken for the removal of entrance conditions. Hours to be arranged; PROFESSOR LOCKWOOD.

1. *Freshman Latin.* Masterpieces of national Roman literature. Reading of selections from Plautus, Terence, Lucretius, Catullus, Horace, Livy, Seneca, Petronius, Pliny, Juvenal, Martial, and Tacitus. M. F. 3.00, W. 11.30; PROFESSOR LOCKWOOD.

2. *Sophomore Latin.* Masterpieces of European Latin literature. Reading of selections from post-classical, Christian, medieval, and modern Latin writers. M. W. F. 2.00; PROFESSOR LOCKWOOD.

ADVANCED COURSES

3a or 3b. *Prose Composition.* This course may be repeated for full credit. Prerequisite, *Latin 2*. Hours to be arranged, either half-year; PROFESSOR LOCKWOOD.

4. *Latin Literature.* Readings in classical, medieval, or modern Latin literature. Individual work. Open to specially qualified Juniors and Seniors. This course may be repeated for full credit. Prerequisite, *Latin 2*. Hours to be arranged; PROFESSOR LOCKWOOD.

5. *Roman Law.* Reading of the *Institutes* and selections from the *Digest*. Prerequisite, *Latin 2*. Hours to be arranged; PROFESSOR LOCKWOOD.

MATHEMATICS

The courses in mathematics are arranged as far as possible to suit the needs of those students who (1) take them as part of their required Freshman work and do not intend to proceed further in mathematics, or (2) elect them as a minor subject and take either physics or engineering as a major subject, or (3) elect them as a major subject.

Courses 1, 2, 3, and 4 are given every year. The electives offered in any one year will be such as the needs of the department may require. Courses, either for undergraduates or graduates, on certain subjects other than those named below may be arranged for by consultation with the instructor.

In the Library will be found some of the principal journals, treatises, and collected works. Other works and journals may be consulted in neighboring libraries. In one of the lecture rooms is a collection of mathematical models.

Courses 1*a*, 1*b*, 1*a'* and 1*b'* are required of all Freshmen, except that students who have presented solid geometry and trigonometry for entrance must substitute 1*c'a* for 1*a'*, 1*c'b* for 1*b'*. The required courses, together with 1*c*, constitute the honor courses in mathematics for Freshmen.

Course 2 is for Sophomores. This course, together with 2*c*, constitutes the honor course in mathematics for Sophomores.

Course 3 should be taken by students electing mathematics in the Junior year. This course, together with 3*c*, constitutes the honor course in mathematics for Juniors.

The Freshman and Sophomore prizes in mathematics are open only to students taking the honor courses in these years.

1a and 1b. *Algebra*, including undetermined coefficients, the binomial theorem for fractional and negative exponents, permutations and combinations, probability, determinants, infinite series, and the elements of the theory of equations. Fine, *College Algebra*.

Tu. Th. F. S. 8.30, 2 hours;

PROFESSOR REID.

1a'. *Solid Geometry and Mensuration*. Thompson, *Solid Geometry*.

Tu. Th. F. S. 8.30, 2 hours, first half-year;

PROFESSOR GUMMERE.

1b'. *Trigonometry*. The elements of plane trigonometry, including the solution of right and oblique plane triangles, with applications to practical problems. Hun and MacInnes, *Plane Trigonometry*.

Tu. Th. F. S. 8.30, 2 hours, second half-year;

PROFESSOR GUMMERE.

1c. *Special Topics in Algebra*.

1 hour, to be arranged;

PROFESSOR REID.

1c'a. *Elementary Statics*. 1c'b. *Elementary Dynamics*, with applications. These courses are open to all Freshmen who have passed examinations on acceptable courses in solid geometry and trigonometry in preparatory schools, and they must be taken by those who present these subjects as entrance credits.

M. W. 8.30;

PROFESSOR GUMMERE.

2. *Plane Analytic Geometry and Differential Calculus*. Fine and Thompson, *Coördinate Geometry*. Murray, *Differential Calculus*.

Tu. Th. S. 10.30;

PROFESSOR GUMMERE.

2c. *Special Topics in Analytic Geometry*.

1 hour, to be arranged;

PROFESSOR GUMMERE.

3. *Solid Analytic Geometry, Integral Calculus and Elementary Differential Equations.* Fine and Thompson, *Co-ordinate Geometry.* Murray, *Integral Calculus.*

Tu. Th. S. 10.30;

PROFESSOR REID.

3c. *Special Topics in Calculus.*

1 hour, to be arranged;

PROFESSOR REID.

4. *Mechanics.* An historical sketch of the discovery of the principles of mechanics, followed by the mathematical treatment of statics, dynamics of a particle, and elementary rigid dynamics. Prerequisite, *Mathematics 3*, though under certain circumstances *Mathematics 3 and 4* may be taken the same year.

Tu. Th. S. 9.30;

PROFESSOR GUMMERE.

A selection from the following courses is given each year. A student wishing to take any of them should apply to the professor in charge. Hours to be arranged.

5. *Introduction to the Theory of Functions.* Pre-requisite, *Mathematics 3.* Pierpont, *Functions of a Complex Variable.*

3 hours;

PROFESSOR REID.

6. *Theory of Equations.* Cajori, *Theory of Equations.* An introduction to the Galois theory.

3 hours, half-year;

PROFESSOR REID.

7. *Elements of the Theory of Algebraic Numbers.*

3 hours;

PROFESSOR REID.

8. *Course in Analysis.* Wilson, *Advanced Calculus*, and lectures.

3 hours;

PROFESSOR REID.

9. *Differential Equations*. First half-year, equations with the real variable; second half-year, equations with the complex variable. Prerequisites, *Mathematics 3 and 5*.

3 hours;

PROFESSOR WILSON.

12b. *Fourier's Series and Spherical Harmonics*. Advanced course for Seniors and Graduate Students. Byerly, *Fourier's Series and Spherical Harmonics*. Prerequisites, *Mathematics 3 and Physics 1*.

Hours to be arranged, second half-year;

PROFESSOR GUMMERE.

PHILOSOPHY

1b. *Psychology*. A course in general psychology; it is required of all Juniors. James, *Psychology (Briefer Course)* and McDougall, *Outline of Psychology*, are used as text-books supplemented by lectures. A short series of lectures is also given on logic.

M., F. 3.00, W. 11.30, second half-year;

PROFESSOR JONES.

2b. *The Development of Christian Thought*. This course will deal with the rise and early development of Christianity. It will then deal with the great types of Christian thought in its development in different epochs of the Church from the end of the Apostolic Age down to modern times, including the intellectual movement of the first three centuries, the Augustinian conception of Christianity, the Lutheran, the Calvinistic, the Quaker conceptions, and modern religious thought. Lectures, assigned reading, and theses.

M. W. F. 8.30, second half-year;

PROFESSOR JONES.

4. *History of Philosophy*. The chief systems of philosophy from the earliest period down to the present time. The development of theories of idealism receives special attention. The text-books required are Cushman, *A Beginner's History of Philosophy*, and Calkins, *The Persistent Problems of Philosophy*. Lectures, collateral reading, discussions, and theses.

M. W. F. 10.30;

PROFESSOR JONES.

5a. *Ethics*. This course is required of all seniors. It covers the field of ethics, the nature of ethical goodness, the fundamental characteristics and implications of personality, the nature of conscience, the possibility and scope of freedom, and theories of the ethical end of life. Some one system of ethics must be mastered by the student and be presented in a thesis.

M. F. 3.00, W. 11.30, first half-year;

PROFESSOR JONES.

6. *Religious and Philosophical Movements*. This course is for graduates, advanced students and honor men only, and is conducted on the seminar method. It may be taken only by special permission of the Instructor. Different epochs are studied from year to year.

2 hours, to be arranged;

PROFESSOR JONES.

PHYSICAL TRAINING

The college equipment for outdoor athletics includes: Walton Field for Rugby football and track sports, with a concrete grandstand and 440-yard oval and 220-yard straightaway cinder tracks; the Class of 1888 and Merion Fields for Association football; a skating pond; Cope Field for cricket, with players' pavilion and shed for winter practice; a baseball diamond; and seven tennis courts.

The Gymnasium contains a main floor, sixty by ninety feet, equipped with the most improved appliances for American and Swedish gymnastics. It has an inclined running track, five feet in width. Adjoining the main floor are offices for the use of the directors in physical examination and measurement, and special student conferences. Adjoining the main hall is a large and comfortable reading-room with magazines and papers. Above are a trophy room and apartments for the use of the College athletic managers and alumni. The basement contains dressing-rooms, a number of well-ventilated lockers, shower-baths, a swimming-pool, and a double bowling-alley. There is a special dressing-room provided for the faculty and visiting athletic teams.

A thorough physical examination is given to each student upon entrance, and another at the end of the Sophomore year. No student whose physical condition is unsatisfactory will be permitted to represent the College on any athletic team. Ability to swim two lengths of the gymnasium pool is required of Sophomores before leaving the required Physical Training Course.

Course 1 is required of Freshmen in connection with Biology 1a (see page 49), Course 2 of Sophomores. Course 3 is elective for Seniors and Juniors, but it may be substituted for Course 2 by Sophomores who pass qualification tests at stated periods.

These courses are arranged in accordance with the plan for all-year physical training during Freshman and Sophomore years.

Physical Training 1. A course of instruction in athletic games, partly elective, first and fourth quarters, and in systematic gymnastic training (calisthenics, marching, and apparatus work), second and third quarters.

2 hours, first and fourth quarters;

3 hours, second and third quarters;

DR. BABBITT and MR. EVANS.

Physical Training 2. A course of instruction in athletic games, partly elective, first and fourth quarters, and in advanced gymnastic training, second and third quarters.

2 hours, entire year; DR. BABBITT and MR. EVANS.

Physical Training 3. Elective practice in advanced gymnastic work; track, soccer and cricket practice with team squads. The former is open to members of the faculty.

DR. BABBITT and MR. EVANS.

PHYSICS

The department of physics has at its disposal the electrical laboratory in Founders Hall, and occupies two floors in Isaac Sharpless Hall. All the rooms are equipped with direct and alternating current, compressed air and vacuum connections.

Physics A, intended for those who have never studied Physics before, covers the same ground as Entrance Physics; and one or the other of these courses is a prerequisite for Physics 1. Physics 1 covers the work required for admission to medical schools and other graduate institutions.

A. *Elementary Physics.* The student is made familiar with physical laws and their applications to daily life, and receives sufficient preparation to enable him to pursue the subject further. Emphasis is laid on the solution of problems. There are two lectures or recitations and one laboratory period each week. Text-book, Black and Davis, *Practical Physics*.

Lectures, M. W. 10.30; laboratory, F. 9.30-1.00 (2½ hours required);

MR. SAGEBEER.

1. *General Physics*. This course is open to those who have offered physics for entrance to College or have passed Physics A. Mechanics, sound, heat, light, magnetism, and electricity are studied with the help of problems and lecture demonstrations. A feature of this course is the laboratory work, the chief aim of which is accuracy of observation and of measurement. The text-book is Spinney, *General Physics*.

Lectures, Tu. Th. S. 9.30; laboratory, W. 1.30-4.00;

PROFESSOR PALMER and MR. SAGEBEER.

3. *Molecular Physics*. A brief study is made of the characteristics of atoms and molecules when at rest and in motion, followed by an investigation of the phenomena observed during the discharge of electricity through gases, and radio-activity. The latter part of the course is devoted to a study of the electron theory of matter and atomic structure. There is no text-book, but a great deal of reading is required in the library of reference books. There is no laboratory work, but experiments are performed by the members of the class working together with the instructor. Prerequisites, *Physics 1 and Chemistry 1*.

M. W. F. 9.30;

PROFESSOR PALMER.

4a. *Radio*. Lectures, illustrated by numerous demonstrations and experiments. No text-book is used, but outside reading is assigned weekly. The main reference is *Principles of Radio Engineering*, Morecroft. The subject is developed from a theoretical point of view, but practical applications are kept before the class. Prerequisite, *Physics A*. Hours to fulfill the needs of individuals can be arranged before final examinations in the spring.

Hours to be arranged, first half-year; MR. SAGEBEER.

10. *Physics Seminar*. This course may be taken as Honors work. Reading will be assigned upon selected topics. Advanced students who devote the requisite number of hours to it may count this course toward a degree. Experimental work of a nature preliminary to research work may be carried out in a special field of investigation.

Hours to be arranged;

PROFESSOR PALMER.

Courses 2, 4 and 5 are half-year courses, and may be offered in either half-year according to the needs of those electing them. Hours to be arranged.

2. *Electricity and Magnetism*. Lectures and laboratory work. This course is an extension of Physics 1 and includes a discussion of such topics as Kirchhoff's laws, magnetism in iron and other metals, resistance, current strength, potential, capacity, inductance and the laws of the magnetic circuit.

3 hours, half-year;

PROFESSOR PALMER.

5. *Optics*. Lectures and laboratory work. This course is a continuation of Physics 1, covering reflection, refraction, dispersion, interference, diffraction, and polarization. The last part of the course is devoted to a brief study of magneto-optics, and the laws of radiation. The optical laboratory is equipped with the necessary apparatus for such quantitative determinations as may be required.

3 hours, half-year;

PROFESSOR PALMER.

SPANISH

(The courses in Spanish are primarily for Juniors and Seniors.)

A. *Course for Beginners*. Grammar, Composition, and reading.

M. W. F. 10.30;

PROFESSOR CARPENTER.

1. *Spanish Literature*. Reading in class of selected works by authors of the nineteenth century and of the Golden Age. Composition.

M. F. 11.30, W. 2.00;

PROFESSOR CARPENTER.

LIBRARY

The College Library now contains about ninety thousand volumes, besides numerous classified but uncatalogued pamphlets. It has been selected and arranged with the object of making it especially useful to college professors and students. All have free access to the shelves and are permitted to withdraw from the Library any volume except those reserved for special reasons. The Librarian and assistants will do anything they can to help readers to use the Library intelligently and independently.

About seven thousand dollars is expended yearly for the purchase of books and periodicals. The Library is a regular government depository and receives from other sources many substantial gifts and bequests.

The collection of Quaker literature is probably the most complete in America. The William H. Jenks collection of Friends' tracts, mostly of the seventeenth century, numbers about fifteen hundred separately bound titles.

The Library possesses the fine Harris collection of over sixty Hebrew, Greek, Latin, Arabic, Syriac and Ethiopic manuscripts collected by J. Rendel Harris; a collection of more than four hundred Babylonian clay tablets dating from B. C. 2500; and seven hundred reproductions in fictile ivory of ancient and medieval carved ivories.

Over two hundred literary and scientific periodicals are taken, besides many annual reports, year-books and irregular continuations.

The Library is open, with some exceptions, on week days from 8.30 A. M. to 10 P. M., and on Sundays from 3 to 6 P. M. While designed especially for the use of the officers and students, it affords to others the privilege of consulting and, under certain restrictions, of withdrawing books.

THE CHARLES ROBERTS AUTOGRAPH COLLECTION

This autograph collection, formed by the late Charles Roberts, of Philadelphia, a graduate (1864) and for many years a manager of the College, was in 1902 presented to the College by his wife, Lucy B. Roberts. It consists of more than 11,000 items, embracing not only autograph letters of European and American authors, statesmen, scientists, ecclesiastics, monarchs, and others, but also several series of valuable papers. The whole collection, covering as it does the period beginning with the late fifteenth century and coming down to the present day, is one of unusual historical and literary interest.

It has been housed in a fireproof room, and a careful card catalogue has been prepared. The collection is open for inspection or research on application to the curator, Professor Kelsey.

GRADING OF STUDENTS

In determining the standing of the student, daily recitations, hour examinations, and final examinations are all considered. The grades attained by students in their college courses are indicated on reports, issued quarterly, by the five letters, A, B, C, D, E. A indicates a grade from 90 to 100, inclusive; B from 80, inclusive, to 90; C* from 70, inclusive, to 80; D* from 60, inclusive, to 70, and E indicates a failure. The numerical grades are not published. No student is permitted to graduate if his combined average for the Junior and Senior years is below C.

* But for Freshmen C indicates a grade from 65, inclusive, to 80, and from 50, inclusive, to 65.

HONORS

Honors are awarded for excellence in the studies of single departments. They are never given merely for performance of routine work in courses, but a considerable amount of extra work is demanded in every case.

Honors are of three kinds:

(a) *Honorable Mention*, to be awarded for work in a single course meeting not less than two hours per week throughout the year, plus additional work to the total amount of not less than 75 hours. Candidates for Honorable Mention must obtain the grade of A in the regular work of the course and pass creditably an examination on the additional work required. Two half-courses in the same department may be construed as a single course. Honorable Mention will be awarded for work in History 2a, or Economics 1b, provided the foregoing requirements as to grade and additional work are satisfied. History 2a may be counted as a full course for Preliminary Honors taken at the end of the Sophomore year.

(b) *Preliminary Honors*, to be awarded at the end of the Sophomore, Junior, or Senior year for not less than two full courses in a single department, plus additional work to the total amount of not less than 150 hours. Candidates for Preliminary Honors must obtain a grade of at least B in all courses required for such honors (see page 83) and a grade of A in such of these courses as are taken in the year in which they are candidates, and must pass creditably examinations on the additional work required.

(c) *Final Honors*, to be awarded upon graduation for work in the courses of a single department, plus additional

work to the total amount of not less than 250 hours. Candidates for Final Honors must take at least four full courses in the department in which they apply for honors, at least two of these courses being in the Junior and Senior years. They must in all of these courses obtain a grade of at least B and in those taken in the Senior year a grade of A, and must pass creditably examinations on the additional work required. There are three grades of final Honors: Honors, High Honors, and Highest Honors. The requirements for High Honors are of a more exacting nature than those for Honors, and Highest Honors are reserved for very exceptional cases. Both High Honors and Highest Honors are awarded only by special vote of the Faculty.

A student who has received the prescribed grade in the regular work of a course required for honors, but who has not done the additional work required in connection with such course, may, with the consent of the professor in charge, make up his deficiency in a later year, but in the case of Final Honors all such deficiencies must be made up by the end of the Junior year.

At the time of the award of Honors there shall be added to the general average for the year of each student receiving Honors, one-half of one per cent for each award of Honorable Mention, Preliminary Honors, or Final Honors. In any given year only one such addition may be made to a student's grade for work in any one subject.

COURSES REQUIRED FOR PRELIMINARY AND FINAL HONORS

PRELIMINARY HONORS		FINAL HONORS
Greek	Two full courses.	Four full courses including 5a or 5b.
Latin	1, 2.	1, 2, 3a or 3b and the equivalent of two full courses in addition.
English	1 and the equivalent of one full course in addition.	1 and the equivalent of three full courses in addition.
German	1, 2.	1, 2, and the equivalent of two full courses in addition.
French	1, 2.	2, 3, 4, 5a, 5b.
Romance Languages	} None given.	{ French 1, 2, 3, 4, and Honorable Mention in Spanish A and Italian A.
Mathematics	1, 2.	1, 2, 3, 5.
History	1 and 2a, or two full courses.	Four full courses.
Economics and Sociology	} None given.	{ Economics 1, 2, 3, 4, 5, 6, 7, and Sociology 1, 2.
Philosophy	None given.	1, 2, 4, 5.
Biology	2, 7.	2, 7, and the equivalent of two full courses from 3, 4, 5, 6, 8.
Chemistry	1 and 2, 3 or 4.	Four full courses or their equivalent.
Physics	1 and the equivalent of one full course from 2, 3, 4, 5, 10.	1 and the equivalent of three full courses from 2, 3, 4, 5, 10. and Engineering 10 and 11.
Engineering	2, 4 and 5, 10.	1, 2, and the equivalent of two full courses from 4, 5, 10, and 11.

DEFICIENT STUDENTS

Special examinations for the removal of entrance conditions will be given in January and September; but entrance conditions in English may be removed by obtaining a grade of at least 65 per cent. in either half-year of Freshman English, and in no other manner.

Examinations for the removal of first half-year conditions will be given in April and September.

Examinations for the removal of second half-year conditions will be given in September and January.

Conditions in required courses should be removed at the first regular re-examination period after failure; if not then removed, a fee of five dollars will be charged against the student at the next regular re-examination period, whether or not the make-up examination be actually taken. A student who has failed to remove a condition in a required course before that course is again offered shall repeat the course; an elective course may be repeated with the consent of the instructor. No course may be repeated more than once; failure to pass a repeated required course will thus prevent the student from obtaining his degree. For any course begun and either dropped after two weeks, or not passed at the regular examination or at the two succeeding make-up examinations, the student will be charged a fee of fifteen dollars per half-year, whether the course be repeated or not. In case of conflict the repeated course shall take precedence over all other courses.

A student who is repeating a course, or who is deficient in class standing in excess of two half courses or who is carrying an entrance condition after the Freshman year, shall have his name appear in the student list of the current catalogue with an asterisk (*) to indicate that he is not in full class standing.

Any student whose record is such as to justify the belief that he is not availing himself of the opportunities offered by Haverford College may be dropped. Usually a student who has more than two half courses of failures against him at the opening of College in September will be dropped.

DEGREES

BACHELOR OF ARTS AND BACHELOR OF SCIENCE

Students who have received credit for the full number of courses in prescribed and elective studies, provided they have for the Junior and Senior years a combined average of C, or above, are granted the degree of Bachelor of Arts or Bachelor of Science. For the difference in the requirements for the two degrees see page 39. The fee for the Bachelor's degree is fifteen dollars.

MASTER OF ARTS AND MASTER OF SCIENCE

Resident graduates who have received the Bachelor's degree from Haverford College or from an institution of equivalent standing may be admitted as candidates for the degree of Master of Arts or Master of Science. Such students must submit, in writing, for the approval of their instructors and the Faculty Committee on Advanced Degrees, a plan of study comprising the equivalent of four advanced courses, at least two of which must be in the same department and all in allied subjects. This shall be supplemented by additional intensive work equivalent to a three-hour course, which shall be distributed in a manner to be approved by the committee, or, at the option of the instructors concerned, by a thesis. This plan shall be filed with the Registrar before October 15th of the year in which the student begins work for the degree. No course shall be credited towards the Master's degree in which the grade attained is lower than B. The fee for the degree is twenty dollars.

ROOMS

Entering Freshmen may choose rooms in the order in which their application blanks for admission (see page 16) are received. For this choice a day is appointed, of which due notice is given in advance. It is, of course, not always possible to meet the desire of Freshmen for the cheapest rooms. Ten of the \$525 rooms are regularly reserved for Freshmen. The College assumes that a new student will accept any available room of approximately the same price as the room for which a preference is expressed. The choice of rooms by other students is governed by published rules.

A deposit of \$15 is required of all students, old and new, before a room is reserved. In case the student occupies the room, the amount will be deducted from his bill for the following year; otherwise it will be forfeited.

EXPENSES

The combined charge for tuition (\$200), board (\$250), and room-rent (\$75 to \$250, according to location), varies from \$525 to \$700 a year. This includes heat, electric light, attendance and the use of necessary bedroom furniture, *i. e.*, a chiffonier and a bed, the linen for which is furnished and laundered by the College for an annual fee of five dollars. Students will supply their own study furniture. In general two students share one study and each has his private bedroom adjoining. A few single rooms are also available. The number of students accommodated in the different halls is as follows:

Merion Hall,	9 at \$525 each
Merion Hall,	4 at \$550 each
Merion Hall,	22 at \$575 each

Founders Hall,	14 at \$525 each
Founders Hall,	10 at \$550 each
Founders Hall,	1 at \$575
Founders Hall,	2 at \$600 each
Founders Hall,	2 at \$625 each
Barclay Hall,	25 at \$525 each
Barclay Hall,	2 at \$550 each
Barclay Hall,	4 at \$575 each
Barclay Hall,	25 at \$600 each
Barclay Hall,	51 at \$625 each
Lloyd Hall,	44 at \$700 each

The charge for tuition of day-students is \$200 a year; for tuition and mid-day meal, \$280 a year. For additional fees, see page 88.

An annual infirmary fee of seven dollars is charged to all students living at the College. A laboratory fee (averaging ten dollars) and a bill for materials consumed and for breakage is charged in each of the laboratories. An annual gymnasium fee of two dollars is charged for supplying and laundering towels. An annual fee of two dollars is charged to all students for the privileges of the Haverford Union.

First term bills, for three-fifths of the student's total cash indebtedness for room, board, and tuition for the year, are rendered October first and must be paid before November first. Second term bills are rendered February first and must be paid before March first. Failure to pay within the specified time automatically cancels the student's registration.

A student is held financially responsible for any damage to his room.

THE MORRIS INFIRMARY

The Morris Infirmary, presented by John T. Morris, '67, has been in operation since the fall of 1912. It contains ten beds, a surgical room, an isolation ward for contagious diseases, and accommodations for physician and nurse. Every provision has been made for both residence and dispensary care of all student conditions, medical and surgical, occurring during the college year. Prompt relief is thus afforded from the dangers of infection through illness in the college dormitories.

Except for the infirmary fee mentioned above, the attendance of the regular nurse is free to students. Medical attendance for brief ailments is also given, free of charge, by the college physician.

SCHOLARSHIPS

All preliminary correspondence concerning scholarships should be addressed to the President of the College.

All scholarships are given for one year only, but, with the exception of II, they may be renewed by the College if the conduct and standing of the recipient be satisfactory.

The Senior Foundation Scholarships will thus be vacated yearly, and about one-fourth of the others.

The following regulations will govern the grant of scholarships:

1. No scholarship will be given to a student who has conditions.

2. No scholarship will be given to a student who is in debt to the College.

- I. *Corporation Scholarships.* Sixteen scholarships of the annual value of \$300 each, awarded without application to the four students in each class who have the highest

average scholarship. This is determined in the case of upper classmen from their general average for the year. In the case of the incoming Freshman Class the scholarships will be assigned immediately after the June examinations (see page 20) to those candidates entering by either plan of admission who are judged to be best prepared to do the work of the College.

II. *Senior Foundation Scholarships*. Six scholarships of the annual value of \$300 each offered to graduates of Earlham, Penn, Wilmington, Guilford, and Whittier Colleges, and Friends' University, nominated by their respective faculties.

III. *Isaiah V. Williamson Scholarships*. Two scholarships covering all minimum expenses of board and tuition. One will usually be awarded to a Senior and one to a Junior.

IV. *Richard T. Jones Scholarship*. One scholarship of the annual value of \$200.

V. *Edward Yarnall Scholarship*. One scholarship of the annual value of \$200. Open to Friends only.

VI. *Thomas P. Cope Scholarship*. One scholarship of the annual value of \$200. Open to Friends who intend to teach.

VII. *Sarah Marshall Scholarship*. One scholarship of the annual value of \$200.

VIII. *Mary M. Johnson Scholarship*. One scholarship of the annual value of \$200.

IX. *Joseph E. Gillingham Scholarships*. Four scholarships of the annual value of \$200 each "for meritorious students."

X. *Isaac Thorne Johnson Scholarship*. One scholarship of the annual value of \$225 available for a student of

Wilmington College or a member of Wilmington (Ohio) Yearly Meeting of Friends.

XI. *Jacob P. Jones Scholarships*, to the sum of \$3600 annually. Usually these will be awarded in sums of \$150 each, but the Board of Managers has granted the Faculty discretionary power to nominate applicants for All-Round Scholarships of \$300 to be paid out of this Foundation, to needy applicants possessing outstanding qualifications of:

A. Manhood, character, leadership.

B. Scholarship; ability in literary, musical, artistic, or other lines.

C. Physical vigor.

Special application should be made for these All-Round Scholarships before May 15th.

XII. *Jacob P. Jones Scholarships*. Eight scholarships of the annual value of \$100 each.

XIII. *George Buzby Memorial Scholarship*. A scholarship of \$500 is available for a Freshman in 1924-25, and may be renewed throughout his course for a needy applicant of high character and intellectual and physical attainment.

XIV. *Caspar Wistar Memorial Scholarship*. A scholarship of \$250 is annually available, preferably for sons of parents engaged in Christian service, including secretaries of Young Men's Christian Associations, or students desiring preparation for similar service in America or other countries.

XV. *Walter Carroll Brinton Memorial Scholarship*. One scholarship of \$250.

The scholarships named above are permanent foundations. In addition, the New York Alumni maintain a Freshman scholarship of two hundred dollars (\$200) for

competition in the New York metropolitan district, and several other regional groups of Alumni are ready to assist deserving candidates from their districts. For information applicants are referred to the secretaries of the local Alumni Associations listed on the last page of this catalogue.

EMPLOYMENT BUREAU

In connection with the Dean's office there is an Employment Bureau through which students may be put in touch with many kinds of remunerative employment. Each year some men are able to make enough money to pay all their college expenses. During the past year eighty-four undergraduates earned \$4840 in twelve different occupations.

FELLOWSHIPS

The Clementine Cope Fellowship, of the annual value of \$700, may be awarded by the Faculty to the best qualified applicant from the Senior Class. He is required to spend the succeeding year in study at some American or foreign university approved by the Faculty.

With the remaining funds from the Clementine Cope Foundation there may be appointed one or more Teaching Fellows, with or without specific duties at Haverford College; or a second Cope Fellow may be appointed with a stipend of \$400 or \$500 as the residue of the Fund may permit.

PRIZES

All prizes awarded in books are marked with appropriate bookplates. As soon as possible after the award a list of standard books, from which selection is to be made, should be submitted for approval to the head of the department awarding the prize. Books selected from the approved list may then be ordered through the College

Office. The College grants an average discount of ten per cent. on prize books, and supplies and affixes the bookplates.

ALUMNI PRIZE FOR COMPOSITION AND ORATORY

The Alumni Association, in the year 1875, established an annual prize of \$50 in money for excellence in composition and oratory.

This prize is now divided between the two members of the winning team in the Senior-Junior debate.

THE EVERETT SOCIETY MEDALS

To the members of the winning team in the annual Sophomore-Freshman extemporaneous debate, medals are given in memory of the Everett Society.

THE CLASS OF 1896 PRIZES IN LATIN AND MATHEMATICS

These are two prizes worth \$10 each. They will be awarded in books at the end of the Sophomore year to the students who have done the best work for the two years in Latin and mathematics, respectively.

THE CLASS OF 1898 PRIZE IN CHEMISTRY

The Class of 1898 offers a prize of \$10 in books to the member of either the Junior or Senior Class who, in the judgment of the professor, shall have done the most thorough and satisfactory work in chemistry during the year. The prize will not be awarded twice to the same student.

THE CLASS OF 1902 PRIZE IN LATIN

The Class of 1902 offers a prize of \$10 in books to the Freshman whose work in Latin, in recitation and examinations combined, shall be the most satisfactory to the professor in charge of the department.

THE DEPARTMENT OF MATHEMATICS PRIZES

The Department of Mathematics offers two prizes, each of \$10 in books, one to be awarded at the end of the Freshman year, and the other at the end of the Junior year, to the most proficient students in mathematics.

THE ELLISTON P. MORRIS PRIZE

A prize of \$80, open to all undergraduates and to graduates of not more than three years' standing, is offered in alternate years for the best essay bearing on the general problem of "International Peace and the Means of Securing It." The next award will be made in May, 1925, and will be announced at Commencement. No prize will be awarded unless a high standard of merit is attained. Essays should be deposited with the Registrar not later than May 1st. The judges shall be appointed by the President of the College. For the 1925 competition the following subjects are offered:

1. From the Hague Tribunal to the International Court.
2. The Present Status of the League of Nations.
3. The United States and Arbitration.

Essays submitted by undergraduates for this prize may also be submitted for the Elizabeth P. Smith Prize.

THE ELIZABETH P. SMITH PRIZE

A prize of \$35 is offered annually to the undergraduate who presents the best essay on international peace. Essays submitted for the Elizabeth P. Smith Prize may also be submitted for the Elliston P. Morris Prize. Essays for this prize should be deposited with the Registrar not later than May 1st. The judges shall be appointed by the President of the College.

PRIZES IN PHILOSOPHY AND BIBLICAL LITERATURE

A prize of \$40 in books will be offered each year to the student who, in the judgment of the professor in charge, does the most satisfactory amount of outside reading in philosophy in connection with the courses in that department. A second prize of \$25 in books will also be offered. The prizes in philosophy are open to all students taking any course in philosophy.

A prize of \$40 in books will be offered each year to the student, who, in the judgment of the professor in charge, does the most satisfactory amount of reading on the Bible and related subjects. A second prize of \$25 in books will also be offered. The prizes in Biblical Literature may be competed for during any year of the College course.

THE SCHOLARSHIP IMPROVEMENT PRIZES

A first prize of \$50 and a second prize of \$45 will be given at the end of the Senior year to the two students who, in the opinion of the judges appointed by the President of the College, show the most steady and marked improvement in scholarship during their college course.

THE HIBBARD GARRETT MEMORIAL PRIZES FOR VERSE

Two prizes of \$25 and \$15 respectively are awarded for the best verse written by a Haverford undergraduate during the year. Typewritten manuscript, under an assumed name, should be deposited with the Registrar not later than May 1st. The judges shall be appointed by the President of the College.

THE FOUNDERS CLUB PRIZE

A prize of \$25 is offered by the Founders Club to the Freshman who is adjudged to have shown the best attitude toward college activities and scholastic work.

S. P. LIPPINCOTT PRIZE IN HISTORY

A prize of \$100 is offered for competition in the Department of History, open to Seniors and Juniors with the following general provisos:

First.—The prize may be withheld in any year, if the conditions, as provided below, are not met by any of the competitors to the satisfaction of a majority of the judges.

Second.—The prize shall not be awarded twice to the same student.

Third.—Competition is confined to students who have completed at the time of award a minimum of a course and a half, or the equivalent, in the Department of History.

Conditions.

1. In competition for this prize an essay shall be submitted of not less than 5,000 words, offered as evidence of scholarly ability in the collection and presentation of historical material, treating a subject selected from a list announced by the Department of History before the 15th of November.

2. This essay shall be typewritten and deposited under an assumed name with the Registrar on or before May 15th.

3. The judges shall consist of the President of the College and two historians to be selected by him.

For the competition of 1923-24 the following subjects are submitted:

1. The Origin and Development of Parliament in England during the Middle Ages.

2. The Relations between Great Britain and Ireland since 1800.

3. History of the Republican Party in the United States.

4. History of the Democratic Party since 1860.

GEORGE PEIRCE PRIZE IN CHEMISTRY OR MATHEMATICS

In memory of Dr. George Peirce, 1903, a prize of \$25 is offered annually to a student "who has shown marked proficiency in either or both of these studies and who intends to follow a profession which calls for such preparation. Preference is to be given to a student who has elected organic chemistry, and failing such a student, to one who has elected mathematics or some branch of chemistry other than organic. Should there be two students of equal promise, the one who is proficient in Greek shall be given preference." The prize is offered, however, exclusively for students who expect to engage in research, and it will not be awarded unless the candidate has this expressed intention.

LECTURESHIPS

HAVERFORD LIBRARY LECTURES

The income of \$10,000, received in 1894 from the estate of Mary Farnum Brown, is available by the terms of the gift "to provide for an annual course or series of lectures before the Senior Class of the College, and other students, on the Bible, its history and literature, and as way may open for it, upon its doctrine and its teaching."

THOMAS SHIPLEY LECTURES ON ENGLISH LITERATURE

The sum of \$5,000, presented in 1904 by Samuel R. Shipley, in memory of his father, Thomas Shipley, constitutes the Thomas Shipley Fund. The income of this fund is ordinarily to be used "for lectures on English literature."

SOCIETIES

A Young Men's Christian Association, organized in 1879, has a membership embracing a large number of the student body. It holds meetings twice a week, the mid-week meetings being addressed by prominent speakers from outside the College and the Sunday meetings being conducted by students. The work of the association includes a variety of outside activities, such as boys' work in Preston and Ardmore, a number of Bible Classes in the College and vicinity, mission work and social work in Philadelphia, deputation work, etc.

The Social Science Club is an organization for those members of the Faculty and students who are especially interested in the discussion of economic, historical, and sociological questions. Meetings are frequently addressed by prominent speakers, and papers are read by members.

The Scientific Society is an organization with membership drawn from the Faculty and students, having for its object the promotion of interest in general science.

The Radio Club is composed of students interested in wireless telegraphy. It has for its headquarters a fully equipped station in Sharpless Hall for receiving and sending messages.

The Classical Club is composed of members of the Faculty, students, alumni, and others, who are interested in the life and literature of the Greeks and Romans.

The English Club, membership in which is limited to Faculty, Seniors, and Juniors, promotes the informal discussion of literary topics.

The Press Club is an organization for those who are especially interested either in journalism as a profession or

in securing wider publicity for Haverford College. Membership, which is by invitation, is limited to thirty, twenty or more to be members of the three upper classes and the remainder alumni.

The Saturday Night Club has as its purpose the arrangement of informal social gatherings on alternate Saturday evenings in the Union. Specialists in various fields address the undergraduates on these occasions.

A chapter of the Phi Beta Kappa Society, Zeta of Pennsylvania, was established at the College in 1898.

The Founders' Club, established in 1914, is an organization of alumni and undergraduates, to which upper classmen become automatically eligible if they attain a grade of at least B in class-room work and take part in a certain number of extra-curriculum activities.

The Cap and Bells Club, composed of both alumni and students, organizes and arranges the musical and dramatic productions of the College.

The Campus Club is an organization of the Faculty, students, and other friends of the College, for promoting the study and preservation of trees, shrubs, and birds on the College property.

PERIODICALS

The Haverford College Bulletin is issued by the College four times in each collegiate year. Included under this title are the College Reports, Catalogue, Athletic Annual, Alumni Quarterly, and other matter.

The Haverford News and *The Haverfordian* are student publications, the former appearing weekly, and the latter monthly, during the collegiate year.

DEGREES, PRIZES AND HONORS GRANTED IN 1922-1923

DEGREES

The following degrees were conferred on Commencement Day, June 15, 1923:

MASTER OF ARTS

ROBERT ATKINSON, S.B. (Haverford College, 1921)

Subject: Chemistry. *Thesis:* "The Relation between Transition Temperature and Composition of Isomorphous Mix-Crystals."

HARTLEY STOKES HAINES, S.B. (Haverford College, 1919)

Subject: Physics. *Thesis:* "Radiation and Ionization Potentials."

BACHELOR OF ARTS

NOEL STRYKER ARROWSMITH	STEPHEN BROOKS KNOWLTON
HORACE WALTON CARPENTER	THOMAS MEGOWAN LOGAN
HAL GORDON FARRAR	MARRIOTT CANBY MORRIS, JR.
FRANK PLUMLEY FLINT	FRANKLIN CRAWFORD MORSS, JR.
GILBERT CRAWFORD FRY	DUDLEY McCONNELL PRUITT
GEORGE RANDLE GRIMES	NORMAN EBY RUTT
EDWARD KENNETH HAVILAND	JOHN BRYANT STEVENSON
IRVIN COLTUN HEYNE	CHARLTON BEVAN STRAYER
GEORGE CONRAD HUFFMAN	WAYNE MacVEIGH WAGENSELLER
GEORGE WOOD HUNT	CHARLES WARNER, JR.
MARCUS DIAMONSTONE HUTKIN	NELSON AROLD WHITE
WILMOT RUFUS JONES	ALEXANDER JARDINE WILLIAMSON

BACHELOR OF SCIENCE

RUSSEL GREENE ALLEN, JR.	GARRETT SCATTERGOOD HOAG
WILLIAM WARDER BACON, JR.	WILLIAM COSGROVE HUNSICKER, JR.
JOHN CARTER BORTON	ANDREW LINDSAY LEWIS
HENRY TATNALL BROWN, JR.	THOMAS PARKE
CARLETON DENNETT	ROBERT SCHULTZ
WILLIAM HENRY HAMILTON	KENNETH SCHURCH SCOTT
CHARLES DIXON HEYER	GORDON WELD STRAWBRIDGE
REES SLAYMAKER HIMES	HARRY LAWRENCE WILBUR

FELLOWSHIPS AND SCHOLARSHIPS FOR 1923-1924

FELLOWSHIPS

Clementine Cope Fellowship

EDWARD KENNETH HAVILAND

Teaching Fellowship

RICHARD GRAFFLIN SAGEBEER

CORPORATION SCHOLARSHIPS

Class of 1924

GEORGE WASHBOURNE HOWGATE

JOHN FRIES BLAIR

GAYLORD PROBASCO HARNWELL

JOHN STANTON CARSON

Class of 1925

EDWARD LEE GORDY

LEIGH EDWARD CHADWICK

FREDERIC PROKOSCH

CHARLES HARMONY JOHNSON

Class of 1926

DALZELL FAHNESTOCK HARTMAN

DANIEL CLARK LEWIS, JR.

FRANCIS JAY NOCK

CHARLES HERBERT GREENE

Class of 1927

JOHN CROZER LOBER

JOHN LEWIS HELLER

STEPHEN STANSFELD SARGENT

CARL STEPHEN VOGEL

PRIZES

The Alumni Oratorical Prizes for Seniors and Juniors

CHARLTON BEVAN STRAYER, 1923

NELSON AROLD WHITE, 1923

The Everett Society Medals for Extemporaneous Speaking by Sophomores and Freshmen

SCHUYLER FORBES BALDWIN, 1926 JOHN HOWARD MARSHALL, 1926

MONTFORT VERTEGANS MELCHIOR, 1926

The Class of 1896 Prizes in Latin and Mathematics for Sophomores

Latin—FREDERIC PROKOSCH

Mathematics—EDWARD LEE GORDY

The Class of 1898 Prize in Chemistry for Seniors and Juniors

NORMAN EBY RUTT, 1923

The Class of 1902 Prize in Latin for Freshmen

DALZELL FAHNESTOCK HARTMAN

The Mathematical Department Prizes

Junior Mathematics—GAYLORD PROBASCO HARNWELL

Freshman Mathematics—CHARLES HERBERT GREENE

The Philosophy Reading Prizes for Seniors and Juniors

First PrizeFRANKLIN CRAWFORD MORSS, JR., 1923

Second PrizeCHARLTON BEVAN STRAYER, 1923

The Reading Prizes in Biblical Literature

First PrizeNORMAN EBY RUTT, 1923

Second PrizeGEORGE RANDLE GRIMES, 1923

The Scholarship Improvement Prizes for Seniors

First PrizeHAL GORDON FARRAR

Second PrizeFRANKLIN CRAWFORD MORSS, JR.

The Hibbard Garrett Memorial Prizes for Verse

First and Second PrizesNORMAN EBY RUTT, 1923

The Haverfordian Short Story Prize

NELSON AROLD WHITE, 1923

The Founders Club Prize for Freshmen

PAUL LEWIS SASSAMAN

The George Peirce Prize in Chemistry or Mathematics

EDWARD KENNETH HAVILAND, 1923

The S. P. Lippincott History Prize for Seniors and Juniors

SAMUEL HIOK CHANG, 1924

HONORS

Seniors elected to the Phi Beta Kappa Society

At the end of the Junior Year

EDWARD KENNETH HAVILAND

NORMAN EBY RUTT

At the end of the Senior Year

WILMOT RUFUS JONES

DUDLEY McCONNELL PRUITT

GEORGE RANDLE GRIMES

Junior elected to the Phi Beta Kappa Society

GEORGE WASHBOURNE HOWGATE

Seniors and Juniors elected to the Founder's Club

From the Class of 1923

At the end of the Junior Year

WILMOT RUFUS JONES

GORDON WELD STRAWBRIDGE

DUDLEY McCONNELL PRUITT

CHARLTON BEVAN STRAYER

At the end of the Senior Year

JOHN CARTER BORTON

ANDREW LINDSAY LEWIS

HENRY TATNALL BROWN, JR

MARRIOTT CANBY MORRIS, JR.

HAL GORDON FARRAR

NELSON AROLD WHITE

From the Class of 1924

At the end of the Junior Year

HOWARD COMFORT

HOWARD JESSUP HOGENAUER

CHARLES HARRISON FRAZIER, JR.

PHILIP GARRETT RHOADS

DONALD ELLIOTT WILBUR

FINAL HONORS

EDWARD KENNETH HAVILAND	Chemistry and Mathematics
IRVIN COLTUN HEYNE	Latin
NORMAN EBY RUTT	Mathematics

PRELIMINARY HONORS

EDWARD LEE GORDY	Mathematics
GAYLORD PROBASCO HARNWELL	Chemistry
HOWARD JESSUP HOGENAUER	German
GEORGE WASHBOURNE HOWGATE	English
CHARLES HARMANY JOHNSON	Mathematics
FREDERIC PROKOSCH	French, English and Latin
AUSTIN WRIGHT, JR.	English

HONORABLE MENTION

CONRAD BERENS ACTON	Chemistry 2
JOHN STANTON CARSON	German 1 and History 6
LEIGH EDWARD CHADWICK	Chemistry 2 and German 1
EDWARD LEE GORDY	Chemistry 2
CHARLES HERBERT GREENE..	Chemistry 1 and Freshman Mathematics
DALZELL FAHNESTOCK HARTMAN	Freshman Mathematics
WAYNE GRIDLEY JACKSON	French 2
CHARLES HARMANY JOHNSON	Chemistry 1
WALTER AMES JOHNSTON	German 1
EDWIN PEUCKERT LAUG	Chemistry 2
WINTHROP MOORHEAD LEEDS	Freshman Mathematics
DANIEL CLARK LEWIS, JR.	Latin 1 and Freshman Mathematics
J. HOWARD MARSHALL	Chemistry 1
MONTFORT VERTEGANS MELCHIOR	History 1
FRED ROEDELHEIM	English 1
CHARLES RHOADS TATNALL	German 1
CHARLES WARNER, JR.	History 6
EDWARD SHARPLESS WOOD, JR.	German 1

THOMAS WISTAR BROWN GRADUATE SCHOOL—Founded 1917

Founded as the result of a donation of about \$400,000, the Thomas Wistar Brown Graduate School is located in a residence on College Lane. The facilities of the School are afforded to graduates of colleges approved by the Faculty. Such graduates may become candidates for the degree of Master of Arts in one or more years upon attaining the proficiency, tested by examinations and theses, required of candidates for the same degree in Haverford College.

In accordance with the expressed approval of the donor, graduate courses are offered in Biblical Literature, Philosophy, Sociology, Economics, History, and "kindred subjects." The scope of the instruction is hence limited to a rather definite preparation for certain lines of usefulness. Since the founding of the School in 1917, about forty students have taken advantage of the facilities here offered and have later become teachers, social and religious workers, or missionaries.

Fees covering room, board and tuition are \$300 a year. There are six full scholarships of \$300 offered each year (three of which may be awarded to properly qualified women). Non-resident graduate students may attend a single full course with the consent of the professor in charge on payment of a fee of \$25.

A pamphlet descriptive of the Graduate School and its facilities will be sent upon application to the President, Haverford College, Haverford, Pa.

DEGREES CONFERRED, JUNE, 1923

MARIAN PROCTOR CARTLAND	Saco, Maine
S. B. (Simmons College) 1915	
RUTH HUNT CONROW	Riverton, New Jersey
A. B. (Wooster College) 1920	
FLORENCE TALITHA COX	Goldsboro, North Carolina
S. B. (Guilford College) 1922	
EUGENE ALVIN DUNGAN	Muscatine, Iowa
A. B. (Penn College)	
LESLIE DORSON FRAZER	Oskaloosa, Iowa
A. B. (Penn College) 1922	
BESSIE AVA GUTHRIE	Graham, North Carolina
A. B. (Guilford College) 1916	
DWIGHT WILFRED MICHENER	Truro, Iowa
A. B. (Penn College) 1922	
JAMES CURTIS NEWLIN	Saxapahaw, North Carolina
A. B. (Guilford College) 1922	

RESIDENT STUDENTS IN THE THOMAS WISTAR BROWN GRADUATE SCHOOL, 1923-1924

DIXON, ALICE LOUISE	Elkins, North Carolina
A. B. (University of Tennessee) 1913	
MERRIMAN, CHARLES BENBOW	Oak Ridge, North Carolina
B. S. (Guilford College) 1923	
NEWLIN, EDITH	Earlham, Iowa
B. S. (Penn College) 1915	
PENNINGTON, MARY ESTHER	Newberg, Oregon
A. B. (Earlham College) 1920	
ROSEDALE, SELMER M.	Le Grand, Iowa
B. S. (Penn College) 1923	

STUDENTS IN THE COLLEGE

In the last column is given the number of the student's dormitory room; Bn is an abbreviation for Barclay Hall, North; Bc, for Barclay Hall, Centre; Bs, for Barclay Hall, South; F, for Founders Hall; L, for Lloyd Hall; M, for Merion Hall; D, for day-student. An asterisk (*) is placed before the name of a student who has conditions or deficiencies in excess of two half courses, has failed to remove a condition after two opportunities, or is carrying an entrance condition after Freshman year.

GRADUATE STUDENTS

Name	Home Address	College Address
GUMMERE, JOHN FLAGG	418 S. Wycombe Ave., Lansdowne, Pa.	D
MESSINGER, DONALD	Bristol, England	18 L
SAGEBEER, RICHARD GRAFFLIN	Berwyn, Pa.	18 Bs
SLOAT, C. ALLEN	Orrtanna, Pa.	18 L
TAYLOR, JAMES SPOTTISWOOD	Danbury, N. C.	F
WOLFF, WILLIAM A.	Guilford College, N. C.	F

SENIOR CLASS

BADER, CHARLES FREDERICK, JR.	163 Main St., Phoenixville, Pa.	5 Bs
BAINBRIDGE, HENRY CLAY	Beesley's Point, N. J.	20 L
BEIDEMAN, CASPER MELVIN	24 Fithian Ave., Merchantville, N. J.	6 Bs
BLAIR, JOHN FRIES	210 S. Cherry St., Winston-Salem, N. C.	21 Bs

Name	Home Address	College Address
BRINTON, HUGH PENN, JR.	West Chester, Pa.	5 M
CARSON, JOHN STANTON	355 S. Negley Ave., Pittsburgh, Pa.	12 L
CAUFFIEL, MEADE	412 Coleman Ave., Johnstown, Pa.	5 L
CHANG, SAMUEL HIOK	Swatow, China.	15 F
COCKS, ROWLAND C.	Cornwall, N. Y.	13 F
COMFORT, HOWARD	Haverford, Pa.	15 Bs
FISHER, JOHN MONROE, JR.	345 S. 19th St., Philadelphia, Pa.	9 Bs
FITE, GEORGE LIDDLE	5 College Road, Princeton, N. J.	1 Bs
FOULKE, EDWARD	Ambler, Pa.	12 Bs
FRAZIER, CHARLES HARRISON, JR.	200 W. Mermaid Lane, Germantown, Pa.	16 Bs
GREENWELL, HAROLD DOMAN	4517 Spruce St., Philadelphia, Pa.	8 L
HAND, WILLIAM HENRY	122 S. Franklin St., Nyack, N. Y.	15 Bs
HARING, FORREST CHAPMAN	2489 Sedgwick Ave., New York, N. Y.	11 Bs
HARNWELL, GAYLORD PROBASCO	Prospect Hall, Frederick, Md.	20 Bs
HASTINGS, STANLEY BOND	Hancock, N. H.	14 M
HAVILAND, PAUL ROBBINS	The Knoll, Lansdowne, Pa.	14 Bs
HEADLY, JOHN FREDERICK	West Grove, Pa.	11 M
HEILMAN, WESLEY MARVIN	876 Wynnewood Rd., Philadelphia, Pa.	13 Bs
HERRICK, COLIN JAMES	Girard College, Philadelphia, Pa.	21 Bs

Name	Home Address	College Address
HOGENAUER, HOWARD JESSUP	2640 Morris Ave., Bronx, New York, N. Y.	22 Bs
HOWGATE, GEORGE WASHBOURNE	141 Kenton Ave., Pitman, N. J.	14 M
LEEDS, ROBERT WEST	162 S. Penn Ave., Atlantic City, N. J.	4 L
MEAD, MORRIS WILLIAM, JR.	354 Lehigh Ave., Pittsburgh, Pa.	23 F
MULLIN, ARTHUR	Pinecrest, West Chester, Pa.	62 Bn
NASH, CHARLES EDGAR	Wyncote, Pa.	12 M
PATTERSON, EDWARD BELL	42 W. Walnut Ave., Merchantville, N. J.	6 Bs
REICH, JOHN FREDERICK	Haverford, Pa.	10 Bs
RHOADS, PHILIP GARRETT	Moorestown, N. J.	23 Bs
†ROBERTSON, JAMES THEODORE	1450 Columbus Ave., N. S., Pittsburgh, Pa.	24 Bs
ROEDEL, GEORGE JOYCE	310 N. Fourth St., Millville, N. J.	14 Bs
SADTLER, GEORGE LEWIS	2 Hillside Road, Roland Park, Baltimore, Md.	1 L
SADTLER, LEANDER RIDDLE	2 Hillside Road, Roland Park, Baltimore, Md.	1 L
SMITH, JAMES BENNETT, JR.	Eureka, N. Y.	11 F
TAI, EN SHUI	643 S. Chengtu Rd., Shanghai, China	4 M
TAYLOR, LAWRENCE NEWBOLD	Haverford, Pa.	13 Bs
*TINGLEY, CHARLES LOVE SCOTT, JR.	St. Davids Rd., Wayne, Pa.	19 L
TURNER, GORDON MACKENZIE	351 W. 114th St., New York, N. Y.	17 M

† Deceased October 20, 1923.

Name	Home Address	College Address
VANTINE, EDWARD POSTLETHWAITE	1706 Girard Ave., Philadelphia, Pa.	19 L
WALKER, ELWOOD THOMAS	1202 DeKalb St., Norristown, Pa.	63 Bn
WALTON, WILLIAM WYCLIF	6211 Ventnor Ave., Ventnor, N. J.	3 Bs
WEST, WILLIAM NELSON, 3d	Wynnewood, Pa.	12 M
WILBUR, DONALD ELLIOTT	Haverford, Pa.	23 Bs
WOOD, HORATIO C., 3d	319 S. 41st St., Philadelphia, Pa.	8 L

JUNIOR CLASS

ACTON, CONRAD BERENS	Salem, N. J.	31 Bc
*ARNOLD, JERROLD CLEMENT	Whittier, Calif.	22 L
BALL, ERIC GLENDENNING	4005 Groveland Ave., Baltimore, Md.	42 Bc
BARTON, FRANCIS CARROLL, JR.	Hotel Tracy, Philadelphia, Pa.	32 Bc
BATES, ROBERT CHARLES, JR.	Port Deposit, Md.	39 Bc
BENTLEY, WRAY DAVISON	12 High St., Glen Ridge, N. J.	14 F
BILLO, GEOFFROY	2422 University Ave., New York, N. Y.	44 Bc
CHADWICK, LEIGH EDWARD	16th and R Sts., N. W., Washington, D. C.	37 Bc
*DOUGLAS, LYMAN CALKINS	404 Lawrence Ave., Westfield, N. J.	1 F
EISEMAN, DOUGLASS WALTER	513 W. Clapier St., Germantown, Pa.	70 Bn
ESHLEMAN, MARTIN	Denver, Pa.	5 F
GARRETT, THOMAS CRESSON	5301 York Rd., Logan, Pa.	43 Bc

Name	Home Address	College Address
GORDY, EDWARD LEE	Chambersburg, Pa.	19 F
HAGALY, NICHOLAS TOFEIGH	1211 S. 13th St., Philadelphia, Pa.	24 Bs
*HARVEY, JOHN SYKES CURTIS, JR.	Radnor, Pa.	22 Bs
HEILMAN, HORACE RICHARD	876 Wynnewood Rd., Philadelphia, Pa.	36 Bc
HINRICHS, WILLIAM ERNEST	76 Lincoln St., Glen Ridge, N. J.	72 Bn
HOLLINGSHEAD, IRVING	Moorestown, N. J.	35 Bc
HOUSE, HENRY FLEMING	1623 Melrose Place, Knoxville, Tenn.	15 L
JOHNSON, CHARLES HARMONY	221 Moody Ave., New Castle, Pa.	3 L
JOHNSON, PHILLIPS	221 Moody Ave., New Castle, Pa.	3 L
JOHNSTON, WALTER AMES	5905 Thompson St., Philadelphia, Pa.	37 Bc
KUMM, KARL H. GRATTAN G.	25 Pine Grove Ave., Summit, N. J.	10 F
LAUG, EDWIN PEUCKERT	701 Beechwood Ave., Collingdale, Pa.	7 F
LONGSTRETH, RICHARD	Haverford, Pa.	16 Bs
LORD, DURRELL LEAROCK	Valhalla, N. Y.	31 Bc
MONTGOMERY, HUGH	Wood's Hole, Mass.	43 Bc
*MULLER, FRANK FENTON	"Ivy Green," St. Davids, Pa.	5 Bs
NEWMAN, WARREN WILSON	5043 Locust St., Philadelphia, Pa.	12 L
PITTMAN, CHALMERS VANANGLEN	5214 Greene St., Germantown, Philadelphia, Pa.	9 F
PROKOSCH, FREDERIC	Bryn Mawr, Pa.	6 F

Name	Home Address	College Address
RHOADS, OWEN BROOKE	11 E. Baltimore Ave., Lansdowne, Pa.	44 Bc
ROGERS, WILLIAM DAVIS	Melford, N. J.	35 Bc
SANDERS, JAMES MONTGOMERY	2906 St. Paul St., Baltimore, Md.	42 Bc
SASSAMAN, WALTER RICHARD	301 E. Oakdale Ave., Glenside, Pa.	40 Bc
*SAVAGE, ALBERT EDWARD	Chelsea, London, England	18 F
SCHULZE, JOHN LEWIS, JR.	104 Benedict Ave., South Ardmore, Pa.	34 Bc
SELLERS, CHARLES COLEMAN	Glenn Rd., Ardmore, Pa.	2 Bs
SILVER, JOHN ARCHER	Aberdeen, Md.	38 Bc
SMITH, RUTLEDGE FELL	319 N. 16th St., Philadelphia, Pa.	36 Bc
STARBUCK, JOHN CLINTON	Media, Pa.	69 Bn
STIFLER, FRANCIS McILHENNY	Evanston, Ill.	39 Bc
STOKES, WALTER PERCIVAL, JR.	Moorestown, N. J.	69 Bn
STONE, WARREN MOORHEAD	Warren, Pa.	22 L
TAUBEL, LOUIS EDWARD	Wildwood Crest, N. J.	D
THOMAS, RAYMOND MOORE	Wayne, Pa.	33 Bc
WARFIELD, BENJAMIN BRECKINRIDGE	Chambersburg, Pa.	38 Bc
WATSON, JAMES ROSE	3270 Orleans St., Pittsburgh, Pa.	15 L
WILLEY, STANLEY EDWARD	5335 Locust St., Philadelphia, Pa.	32 Bc
WILLSON, HUGH LATIMER	243 Mountwell Ave., Haddonfield, N. J.	3 F

Name	Home Address	College Address
WRIGHT, AUSTIN, JR.	116 E. Penn St., Bedford, Pa.	7 F
YERKES, HARMAN ALFRED	1540 S. 57th St., Philadelphia, Pa.	33 Bc

SOPHOMORE CLASS

ALE, FRANCIS HARVEY	1162 Murray Hill Ave., Pittsburgh, Pa.	113 M
ARMSTRONG, SAMUEL ASHBRIDGE	8th St. and 64th Ave., Oak Lane, Philadelphia, Pa.	50 Bn
BAKER, DONALD GAY	Haverford, Pa.	D
BALDWIN, SCHUYLER FORBES	4510 Osage Ave., Philadelphia, Pa.	21 F
BORTON, HUGH	19 Prospect Ave., Moorestown, N. J.	51 Bn
BUCK, ALFRED EDWARD	82 Main St., Hempstead, L. I., N. Y.	41 Bc
*BURNS, ROGER SHUPERT	232 W. Montgomery Ave., Ardmore, Pa.	D
BUSSELLE, ALFRED, JR.	Chappaqua, N. Y.	52 Bn
CALKIN, JOHN BURGESS	Spring Grove, Pa.	111 M
CAMPBELL, FRANCIS FAULKNER	1363 E. Jefferson Ave., Detroit, Mich.	8 F
CARMAN, ALEXANDER RAYMOND	1028 Judson Ave., Evanston, Ill.	53 Bn
EVANS, HENRY CARTER	Riverton, N. J.	51 Bn
GARRETT, PHILIP CRESSON	5301 York Rd., Logan, Pa.	44 Bc
GILMOUR, ALLAN	1404 Pacific St., Brooklyn, N. Y.	12 F
GREENE, CHARLES HERBERT	Troy, Pa.	17 Bs
*HAINES, MURRAY CHESTON	Cheltenham, Pa.	58 Bn

Name	Home Address	College Address
HAINES, ROBERT LEE	Moorestown, N. J.	116 M
HALSTEAD, WILLIAM STORM	White Plains, N. Y.	21 F
HANNUM, EDMUND PENNELL	5239 Spruce St., Philadelphia, Pa.	D
HARPER, SIDDONS, JR.	123 Thompson Ave., Ardmore, Pa.	D
HARTMAN, DALZELL FAHNESTOCK	442 N. Duke St., Lancaster, Pa.	11 L
HATCHER, ROBERT LEE	115 14th St., Flushing, N. Y.	16 L
HUBER, WILLIAM MCPHERSON	3007 Midvale Ave., Philadelphia, Pa.	64 Bn
*HUNSICKER, HORACE HIGBEE	1625 Race St., Philadelphia, Pa.	112 M
HURD, HAROLD, JR.	Roswell, N. M.	108 M
JACKSON, WAYNE GRIDLEY	48 E. 72nd St., New York, N. Y.	6 M
JOHNSTON, JOHN ANDERSON	131 Coulter Ave., Ardmore, Pa.	19 Bs
JOLY, JOHN DEAN	North Latches Lane, Merion, Pa.	7 L
KINGSBURY, EDWARD HENRY	647 Bergen Ave., New York, N. Y.	102 M
*LAMBERTI, VICTOR ANTHONY	2376 Ryer Ave., New York, N. Y.	41 Bc
*LEARY, WILSON MACDONALD	4420 Sansom St., Philadelphia, Pa.	D
LEEDS, WINTHROP MOORHEAD	304 W. School Lane, Germantown, Pa.	16 F
LEWIS, DANIEL CLARK, JR.	825 Columbia Ave., Millville, N. J.	55 Bn
LOWRY, BENJAMIN HOWARD	407 Chester Ave., Moorestown, N. J.	6 M
*MACGOWAN, HOWARD TREGO	Fisher's Rd., Bryn Mawr, Pa.	16 L

Name	Home Address	College Address
MAGUIRE, WILLIAM THOMAS	Louella Apts., Wayne, Pa.	52 Bn
MARSHALL, J. HOWARD	Park and Hill Aves., Langhorne, Pa.	107 M
MEAD, WILLARD ECKER	354 Lehigh Ave., Pittsburgh, Pa.	115 M
MELCHIOR, MONTFORT VERTEGANS	108 E. Greenwood Ave., Lansdowne, Pa.	28 Bc
MILLER, JAMES ROCKWITH	Chinquapin Lodge, Montreat, N. C.	4 F
MILLER, MERLE MIDDOUR	35 N. Grant St., Waynesboro, Pa.	110 M
MILLER, RALPH C.	2116 Morris Ave., New York, N. Y.	11 L
MONROE, HAROLD CLAYTON	239 W. 103rd St., New York, N. Y.	60 Bn
NOCK, FRANCIS JAY	334 E. Walnut St., Titusville, Pa.	101 M
PERRING, HENRY BROOKS	3304 Hillen Road, Baltimore, Md.	68 Bn
PITTER, OSMOND CHESTER	Happy Grove, Hector's River P. O., Jamaica, B. W. I.	4 Bs
REX, ALEXANDER BUCHANAN	1717 DeKalb St., Norristown, Pa.	7 L
RICHIE, ROBERT HOOTON	Moorestown, N. J.	8 F
ROEDELHEIM, FRED	"Oakshade," Elkins Park, Pa.	105 M
SASSAMAN, PAUL LEWIS	301 E. Oakdale Ave., Glenside, Pa.	109 M
SHANK, CHRISTIAN ERNEST, JR.	Rosemont, Pa.	D
SUMWALT, CHARLES EDWARDS	2901 Chelsea Terrace, Baltimore, Md.	68 Bn
TATNALL, CHARLES RHOADS	805 Franklin St., Wilmington, Del.	2 F
THOMAS, GEORGE, IV	Whitford, Pa.	20 L

Name	Home Address	College Address
VANSANT, JOSEPH ADDISON ROBINSON	2348 E. Hagert St., Philadelphia, Pa.	28 Bc
*WAGNER, ALEXANDER ROBEY SHEPHERD	1218 S. Main St., Tulsa, Okla.	60 Bn
WOOD, EDWARD SHARPLESS, JR.	Riverton, N. J.	114 M
ZIMMERMAN, CHARLES HINCKLEY	325 Chestnut St., Lebanon, Pa.	50 Bn

FRESHMAN CLASS

ALBERT, WILLIAM HENRY	152 Roseville Ave., Newark, N. J.	2 L
ALDEN, DONALD HITT	106 Cornell Ave., Swarthmore, Pa.	22 F
ALLEN, ADDISON JACKSON	40 McCartney St., Easton, Pa.	17 L
BAKER, JAMES WINSOR	2901 Chelsea Terrace, Baltimore, Md.	54 Bn
BANKS, GEORGE THOMAS	Raines, Shelby County, Tenn.	6 L
BATES, HAROLD EARL	Port Deposit, Md.	20 F
BENHAM, WELLARD SNOWDEN	4631 Larchwood Ave., Philadelphia, Pa.	53 Bn
BIDDLE, JOHN HUNTER	652 Fifth St., Huntingdon, Pa.	53 Bn
CLEMENT, CHARLES ALLEN	124 King's Highway, West, Haddonfield, N. J.	29 Bc
COMPTER, HERMAN EDWARD	353 E. 193d St., New York City.	15 M
COOK, FRANKLIN	1426 Asbury Ave., Evanston, Ill.	29 Bc
COOK, SAMUEL	2614 N. 31st St., Philadelphia, Pa.	1 M
COXE, DANIEL MICHAUX	1811 Spruce St., Philadelphia, Pa.	14 L
CURTIS, FRANKLIN O'NEILL	31 York Court, Guilford, Baltimore, Md.	25 Bc

Name	Home Address	College Address
DEMPSEY, ALVIN VICTOR	Narberth, Pa.	D
EMERY, NATT MORRILL, JR.	41 E. Market St., Bethlehem, Pa.	67 Bn
FARQUHAR, FREDERICK STILSON	30 Orchard Way, Wayne, Pa.	D
FAY, ALLAN BRADSHAW	3 Kendall Green, Washington, D. C.	56 Bn
FORSYTHE, JOHN EVANS, JR.	22 S. Oakland Ave., Ventnor, N. J.	8 Bs
FOWLER, ALBERT VANN	531 Oak St., Syracuse, N. Y.	17 L
FOWLER, JOHN SHERMAN	316 S. Washington St., Alexandria, Va.	9 M
GILSON, WARREN EDWIN	Prospect Ave., Oradell, N. J.	7 Bs
GOTT, JOHN RICHARD, JR.	221 N. High St., Murfreesboro, Tenn.	2 M
GROVER, WILLIAM OLIVER	7 Montgomery St., Middletown, N. Y.	25 Bc
GRUBER, WALTER JAMES	197 Preston St., Ridgefield Park, N. J.	7 M
HAINES, CASPAR WISTAR, 2D	2824 Grand Ave., Des Moines, Iowa.	2 L
HALLOCK, ROLAND BRADFORD	Parkesburg, Pa.	3 M
HALSTEAD, GORDON BRINCKERHOFF	31 Greenridge Ave., White Plains, N. Y.	30 Bc
HELLER, JOHN LEWIS	15 S. Raleigh Ave., Atlantic City, N. J.	106 M
HOAG, JOHN HACKER	Haverford, Pa.	8 Bs
HOSKINS, STEWART	165 S. Lexington Ave., White Plains, N. Y.	17 F
HUELLE, WALTER EMERSON	40 W. Main St., Mt. Kisco, N. Y.	30 Bc
LESTER, WILLIAM LUCIEN	751 S. Linden Ave., Pittsburgh, Pa.	26 Bc

Name	Home Address	College Address
LOBER, JOHN CROZER	234 Church Rd., Ardmore, Pa.	9 L
MILLER, WILMER	26 St. Paul's Rd., Ardmore, Pa.	6 L
NEILSON, WALLACE PLATT	Althea Farm, Darien, Conn.	13 L
NOLAN, FRANCIS ALBERT	208 N. Bluff St., Butler, Pa.	6 L
OHL, PAUL WINFRED	148 Cricket Ave., Ardmore, Pa.	D
POWELL, ALLEN GRAFF	Wynnewood and Highland Aves., Merion, Pa.	67 Bn
RENNINGER, GEORGE HANSEN	317 E. Oakdale Ave., Glenside, Pa.	30 F
RORER, HERBERT CRAWLEY	Glenside Ave., Wyncote, Pa.	30 F
RUTHERFORD, IRA BURNS	1416 Main St., Honesdale, Pa.	22 F
SANDERS, FRANKLIN	2906 St. Paul St., Baltimore, Md.	26 Bc
SARGENT, STEPHEN STANSFELD	4815 Trinity Place, Philadelphia, Pa.	7 Bs
SAUNDERS, GEORGE EDWARD	3306 Powhatan Ave., Baltimore, Md.	66 Bn
SAUNDERS, WILLIAM WYMAN	3306 Powhatan Ave., Baltimore, Md.	66 Bn
SAWTELLE, EGERTON BURPEE	Haverford, Pa.	9 L
SCARBOROUGH, WATSON	6412 Germantown Ave., Philadelphia, Pa.	71 Bn
SCOTT, WILLIAM MAXWELL, JR.	Radnor, Pa.	10 L
SILVER, ARTHUR	Aberdeen, Md.	59 Bn
SMITH, IRVING BELL, JR.	1 Lindenwold Terrace, Ambler, Pa.	14 L
SPARACINO, PHILIP ROSALIE NAPOLI	1064 Willoughby Ave., Brooklyn, N. Y.	3 M

Name	Home Address	College Address
THOMPSON, CHARLES ROBERTS	212 E. University Parkway, Baltimore, Md.	104 M
TOTTEN, WALLACE BURR	379 Washington Ave., Brooklyn, N. Y.	13 L
VOGEL, CARL STEPHEN	526 W. Roosevelt Ave., York, Pa.	103 M
WEBSTER, WALTER FOSTER	179 Prospect St., East Orange, N. J.	61 Bn
WEST, WALTER ASWORTH	842 Old Lancaster Rd., Bryn Mawr, Pa.	D
WHITE, PAUL VAILLANT RANDOLPH	9 DeLap Place, Jamaica, L. I., N. Y.	59 Bn
WILE, ROBERT ALFONS	22 Prospect Park, White Plains, N. Y.	10 L
WINSLOW, RANDOLPH, 2D	Walnut Lane, Bryn Mawr, Pa.	D
WINSLOW, THOMAS PALMER	183 William St., East Orange, N. J.	61 Bn

SUMMARY

Graduate Students	6
Seniors	47
Juniors	52
Sophomores	58
Freshmen	61
<hr/>	
Total	224

GEOGRAPHICAL DISTRIBUTION

California	1
Connecticut	1
Delaware	1
District of Columbia	2
Illinois	3
Iowa	1
Maryland	17
Massachusetts	1
Michigan	1
New Jersey	34
New Mexico	1
New York	28
North Carolina	4
Oklahoma	1
Pennsylvania	120
Tennessee	3
Virginia	1
Foreign	4
<hr/>	
Total	224

FACULTY AND OFFICERS

Name	Address Haverford (unless otherwise noted)	Telephone Ardmore Exchange (unless otherwise noted)
Babbitt, Dr. James A....	3 College Ave.	50
Barrett, Don C.	Walnut Lane	934 W
Carpenter, Jas. McF., Jr.	Woodside Cottage	522 W
Chase, Oscar M.	Founders' Hall	564 J
Comfort, William W. ..	Walton Field	455
Evans, Arlington 5031	Osage Ave., Phila..	Woodland 5335 J
Grant, Elihu	8 College Lane	258 W
Gray, Austin K.	21 Lloyd Hall	1427
Gummere, Henry V. ...	418 S. Wycombe Ave., Lans- downe, Pa.	Lans. 1746 J
Johnston, Robert J.	{ Office, Founders' Hall..... { Home, Narberth, Pa. ...	564 J Nar. 315 M
Jones, Rufus M.	2 College Circle	97 J
Kelly, John A.	Founders' Hall	564 J
Kelsey, Rayner W.	11 College Ave.	563 W
Lockwood, Dean P.	6 College Circle	522 J
Lunt, William E.	5 College Lane	1507 W
Meldrum, W. Buell	13 College Ave.	776 J
Palmer, Frederic, Jr. ...	7 College Lane	97 R
Post, L. Arnold	9 College Lane	258 M
Pratt, Henry S.	4 College Circle	942 J
Rantz, J. Otto	Highland Park, Pa.	
Reid, Legh W.	Merion Cottage	986 W
Rittenhouse, Leon H. ..	6 College Lane	285 J
Sanger, George T.	Founders' Hall	564 J
Snyder, Edward D.	15 College Ave.	1509 W
Taylor, Dr. Herbert W.	Lancaster Ave.	1185 J
Toogood, Granville E... 4	Lloyd Hall	564 W
Watson, Frank D.	5 College Ave.	203 W

COLLEGE OFFICE AND BUILDING TELEPHONES

Alumni Secretary	1441
Barclay Hall, North	439 W
Barclay Hall, South	439 J
Barclay Hall, Centre	68
Chemical Building	988 J
Dean	1441
Founders Hall, East	564 J
Founders Hall, Dormitory	1939 W
Graduate School	258 W
Gymnasium	754 W
Infirmary	763
Lloyd Hall, Rooms 1-4	564 W
Lloyd Hall, Rooms 5-12	1444
Lloyd Hall, Rooms 13-22	1427
Merion Hall	267 J
President	221
Power House	988 W
Registrar	221

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Secretary

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Haverford College, Haverford, Pa.

Treasurer

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481 Summers St., Boston, Mass.

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- Secretary G. CHESTON CAREY, '15
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- President JOHN F. WILSON, ex-'10,
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- Secretary ELLIOT FIELD, '97
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Kansas City, Mo.
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Parkway, Kansas City, Mo.

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Atchison, Kan.

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1526 North Holyoke St., Wichita, Kan.

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2255 Piedmont Ave., Berkeley, Calif.

SecretaryALFRED W. ELKINTON, '14
Sixth and Grayson Sts., Berkeley, Calif.

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5142 West Boulevard, Los Angeles, Calif.

SecretaryJOSHUA L. BAILY, '12
4435 Ampudia St., San Diego, Calif.

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481 Summer St., Boston, Mass.

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1012 Park Bldg., Pittsburgh, Pa.

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315 E. 22nd St., Baltimore, Md.

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1413 Pennsylvania Bldg., Philadelphia, Pa.

HENRY S. DRINKER, JR., '00,
750 Bullitt Bldg., Philadelphia, Pa.

ROYAL J. DAVIS, '99.....20 Vesey St., New York City

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HAVERFORD VIEWS



Issued
four times
during the year
by Haverford College.
Entered December 10th, 1902,
at Haverford, Pa., as Second-Class
Matter under Act of Congress of July 17th, 1894



PANORAMIC VIEWS INSIDE

(Double page folder, to be opened)



The Portico of Roberts Hall
Entrance to Administration Building



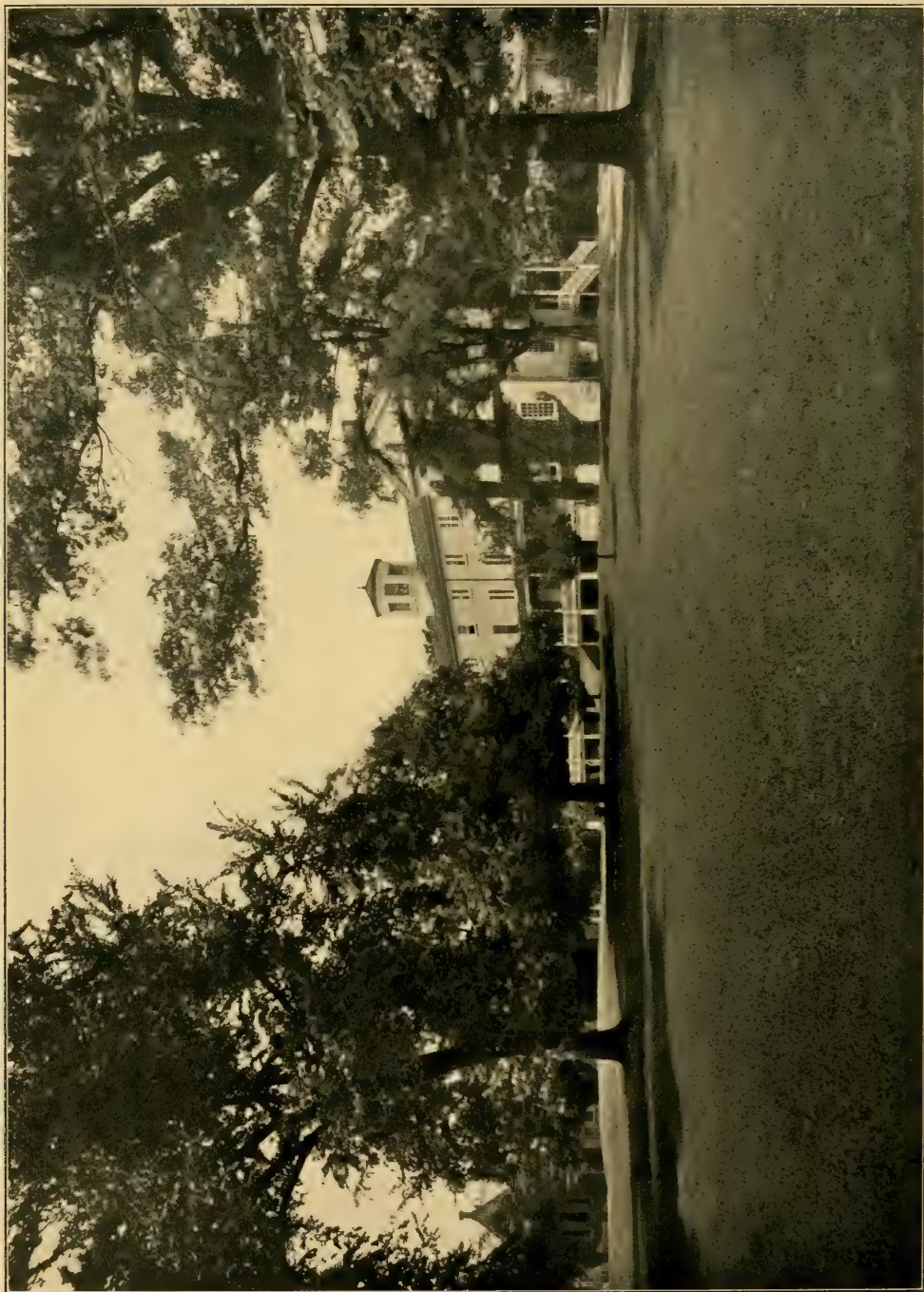
A Lawn in the Southern Quadrangle



A Cricket Game on Cope Field

HAVERFORD VIEWS





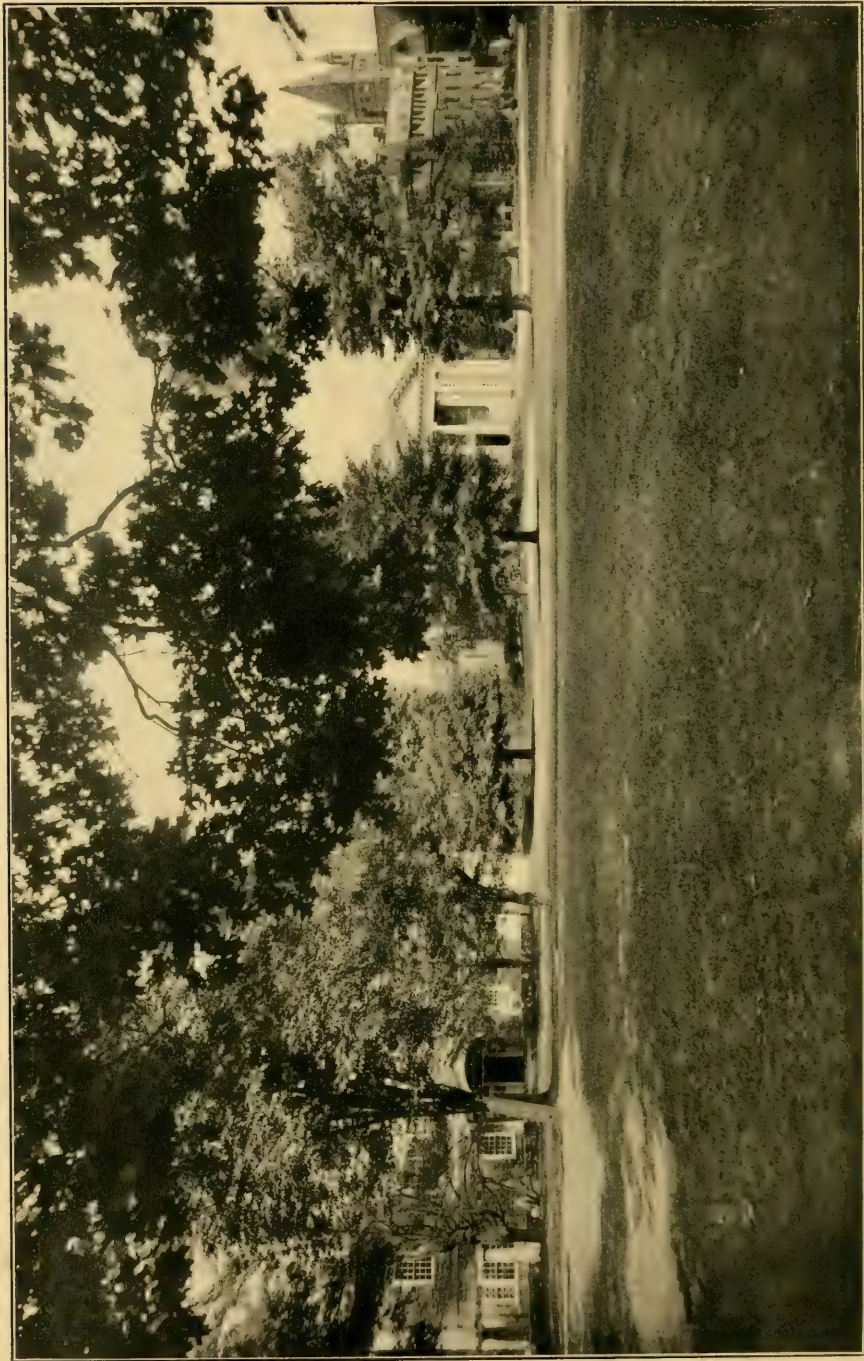
Founders Hall

Haverford is on the main line of the Pennsylvania Railroad, nine miles from Philadelphia. The college grounds comprise a tract of two hundred and twenty acres, one hundred of which are given over to the campus proper. The campus, as the accompanying pictures show, is one of the most attractive in the country, having been laid out in 1837 by an English landscape gardener familiar with the country estates of England.

The suburban location allows better concentration on academic work, fuller opportunities for athletic sports, and all the other advantages afforded by the freer life of a small and compact community.

The ample equipment of the college (value of buildings and property exceeding three million dollars), and its large endowment (productive funds valued at more than three and one-half million dollars), provide resources for the student which are unusual even in some of our largest institutions. The college buildings and campus offer the means of stimulating almost every phase of the student's mental and physical development.

From the first Haverford has stood for a broad general education. It makes no effort to set itself up as a rival



The Haverford Union, Roberts Hall, and Barclay Hall

of the technical or professional school; it aims to fit a man for life by a liberal training under ideal conditions, whether his ambition suggests business, technical or professional life.

A broad general training in preparation for a special course is being more and more approved both by professional schools and by business men. The opportunity for such training is most attractive in the richly endowed small college.

With this end in view the College has taken for its first object the building up of a strong faculty—men who are leading scholars in their own special fields and are also sympathetic counselors for young men. For this reason, too, the College has refused to work primarily for numbers, feeling that the best work is assured by maintaining a small student body. These students, numbering at present 225, are, to a certain extent, picked men; for Haverford expects to continue its system of entrance by examinations of the College Entrance Board, and thus to keep its standing among the few American universities and colleges which maintain this system.



The Haverford College Faculty, 1923

FACULTY*

1923-1924

WILLIAM WISTAR COMFORT, PH.D., LITT.D., LL.D.
President

LYMAN BEECHER HALL, PH.D.
John Farnum Professor of Chemistry, *Emeritus*

ALBERT SIDNEY BOLLES, PH.D., LL.D.
Lecturer on Commercial Law and Banking, *Emeritus*

HENRY SHERRING PRATT, PH.D.
David Scull Professor of Biology

JAMES ADDISON BABBITT, A.M., M.D.
Professor of Hygiene and Physical Education

RUFUS MATTHEW JONES, LITT.D., D.D., LL.D.
Professor of Philosophy

DON CARLOS BARRETT, PH.D.
Professor of Economics

LEGH WILBER REID, PH.D.
Professor of Mathematics

FREDERIC PALMER, JR., PH.D.
Dean and Professor of Physics

WILLIAM EDWARD LUNT, PH.D.
Walter D. and Edith M. L. Scull Professor of English
Constitutional History

ELIHU GRANT, PH.D.
Professor of Biblical Literature

RAYNER WICKERSHAM KELSEY, PH.D.
Professor of History and Curator of Quaker Collections

LEON HAWLEY RITTENHOUSE, M.E.
Professor of Engineering

* Arranged in order of appointment to present rank.

FACULTY

(Continued)

FRANK DEKKER WATSON, PH.D.
Professor of Sociology and Social Work

DEAN PUTNAM LOCKWOOD, PH.D.
Librarian and Professor of Latin

*ALBERT HARRIS WILSON, PH.D.
Associate Professor of Mathematics

WILLIAM BUELL MELDRUM, PH.D.
Associate Professor of Chemistry

HENRY VOLKMAR GUMMERE, A.M.
Associate Professor of Mathematics

OSCAR MARSHALL CHASE, S.M.
Registrar and Assistant Professor of Drawing

EDWARD DOUGLAS SNYDER, PH.D.
Assistant Professor of English

JOHN ALEXANDER KELLY, PH.D.
Assistant Professor of German

JAMES MCFADDEN CARPENTER, JR., PH.D.
Assistant Professor of Romance Languages

LEVI ARNOLD POST, M.A.
Assistant Professor of Greek

AUSTIN KEYINGHAM GRAY, M.A.
Lecturer in English

ARLINGTON EVANS
Instructor in Physical Training

RICHARD GRAFFLIN SAGEBEER, A.B.
Instructor in Physics

RAYMOND THEODORE OHL, A.M.
Instructor in French

* Absent on leave 1923-1924

With its small student body, its large faculty (all of whom reside on the grounds), and its generous endowment, Haverford spends on each student more than \$1,200. a year for an annual receipt of \$525. to \$700.

There are over sixty scholarships in the College, varying in amount from \$100. to \$525. The first four men in each class, irrespective of their personal means, are awarded Corporation Scholarships of \$300. each. These are regarded as high honors. If the holder of one of these scholarships does not need it, he may retain the title and give the financial assistance to some more needy student.

Every facility for research and literary work is afforded the students by the admirably equipped College Library of ninety-two thousand volumes, where over two hundred literary and scientific periodicals are taken. About \$8,000. is expended yearly for the purchase of books and magazines. The students have free access to the shelves and are permitted to withdraw from the Library any volumes except those reserved for special reasons. Two views of the attractive exterior of the Library are given on page eleven; an interior view of the nave of the building is given on page ten.



Interior of the Library

Stack Room and Western Wing

THE LIBRARY



East Front Facing the Quadrangle



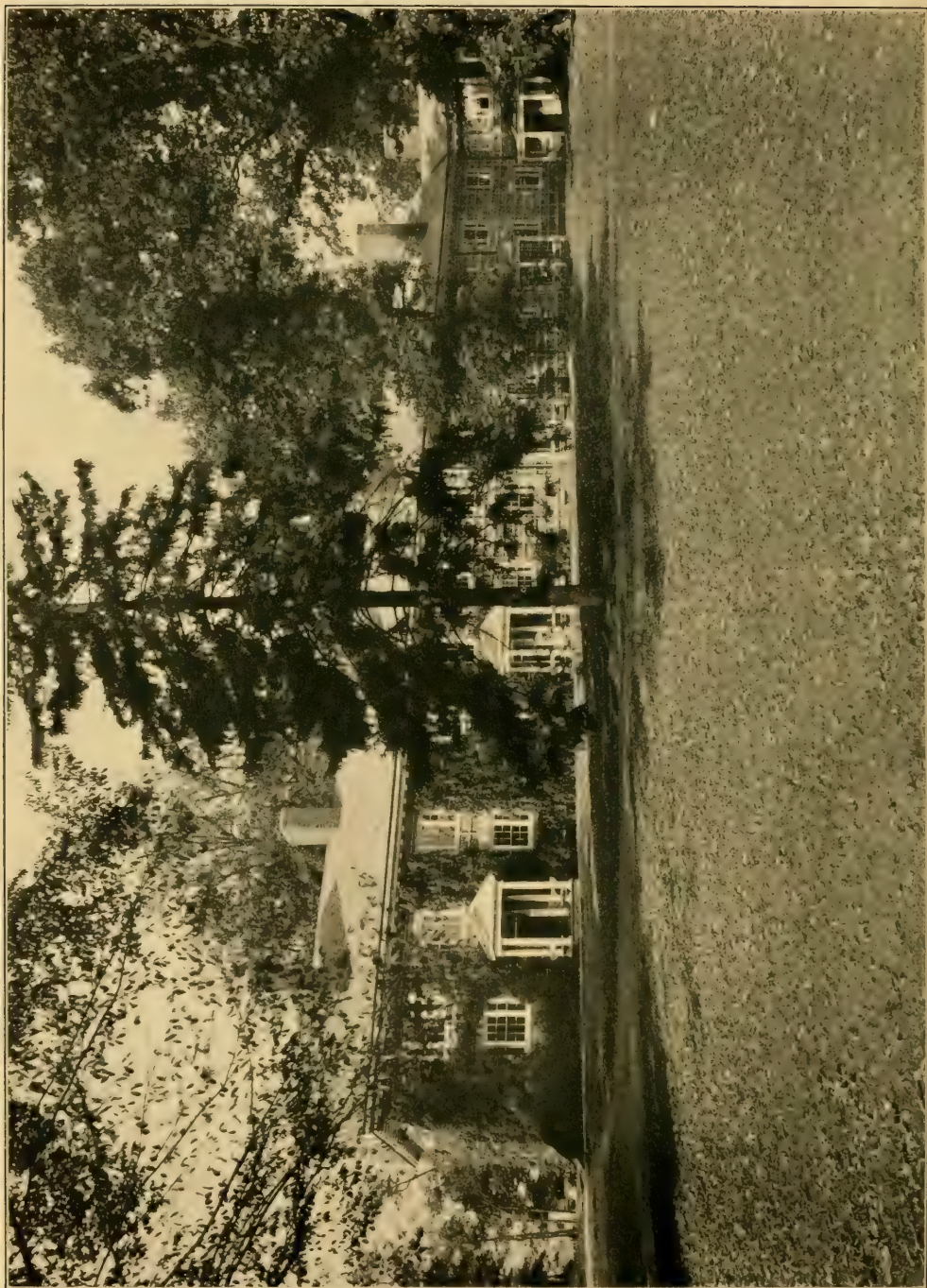
The grounds at all times, but particularly in the spring of the year, present a most attractive appearance. To the results accomplished by the original English landscape gardener have been added numbers of rare trees and flowering shrubs, until it would be difficult to find, in the whole country, a tract of similar extent presenting a greater variety in its flora.





Roberts Hall
College Offices and Auditorium Seating One Thousand Persons

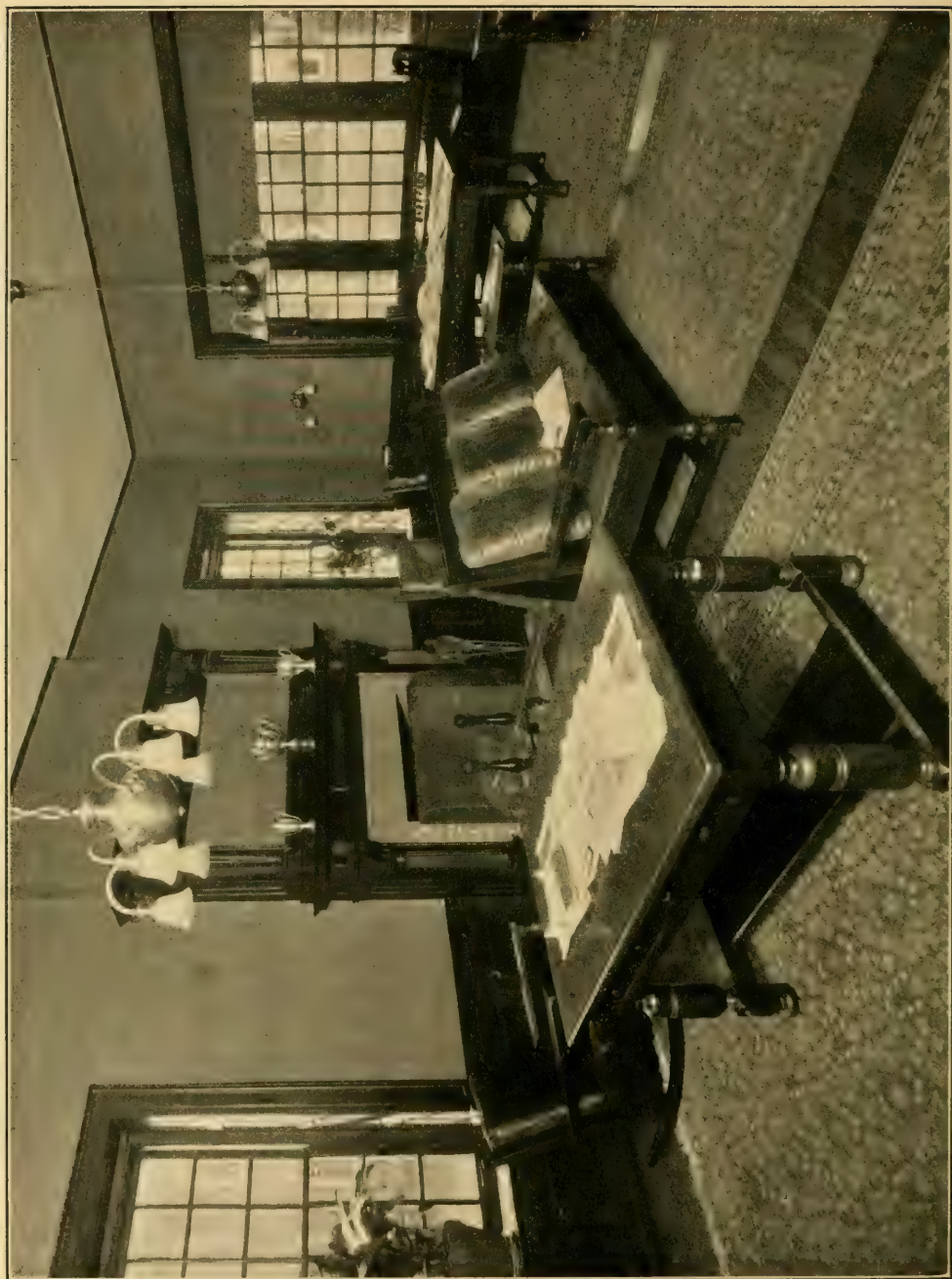
The photographs on the two following pages are of Lloyd Hall, one of the student dormitories. This building, composed of five sections, each with its separate entrance, is one of the most attractive on the campus, combining many of the best features of college dormitories both in America and abroad. Suites of rooms are arranged with a separate bedroom for each person, a study to be shared by two, and a bathroom, with shower, for every four men. Open fireplaces, steam heat and electric light are provided. In this dormitory the total cost of room, board and tuition is \$700. Accommodations at a more moderate figure are offered in Barclay, Merion, and Founders Halls, where the lowest price for room, board and tuition is \$525., and the average price is \$600.



Lloyd Hall (Dormitories)



Lloyd Hall (A Study Interior)



The Union Club-room



The Haverford Union

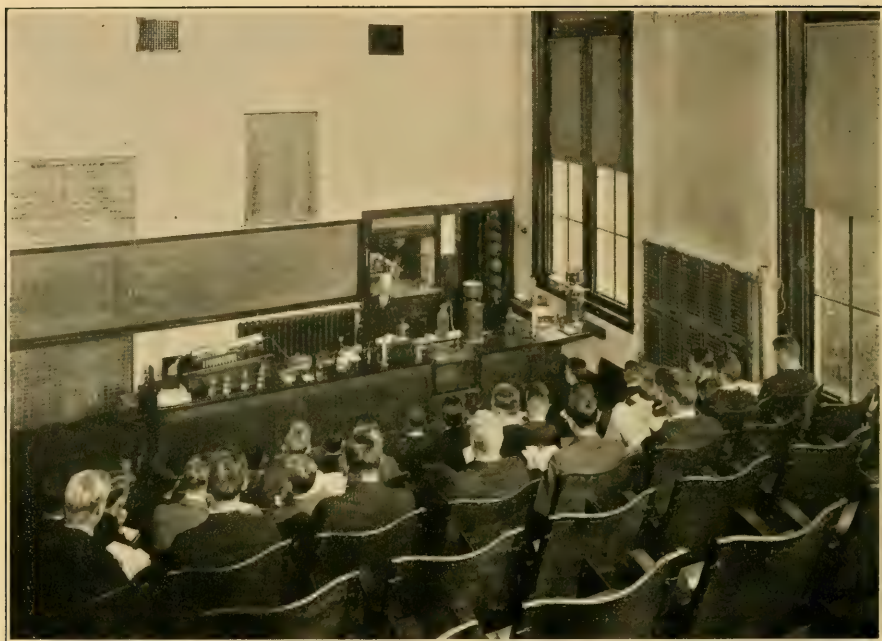
The Union, or students' club, is the center of the social life of the College. It contains an auditorium seating three hundred and fifty persons, club-room, library, billiard room, and bedrooms for the accommodation of guests. For a nominal fee all undergraduates may enjoy its privileges. In the auditorium are held the rehearsals of the Glee Club and Orchestra and the trial performances of the Cap and Bells Club; the regular meetings of the Y. M. C. A.; certain meetings of the Social Science Club, Scientific Society, and Classical Club, and many of the public lectures offered by the College. Adjacent to the auditorium are the offices of the *Haverfordian* and of the *Haverford News*. The club-room provides periodicals and chess boards, and is appropriately furnished.



The Dining Hall (North Wing of Founders Hall)



The Dining Hall (Interior)



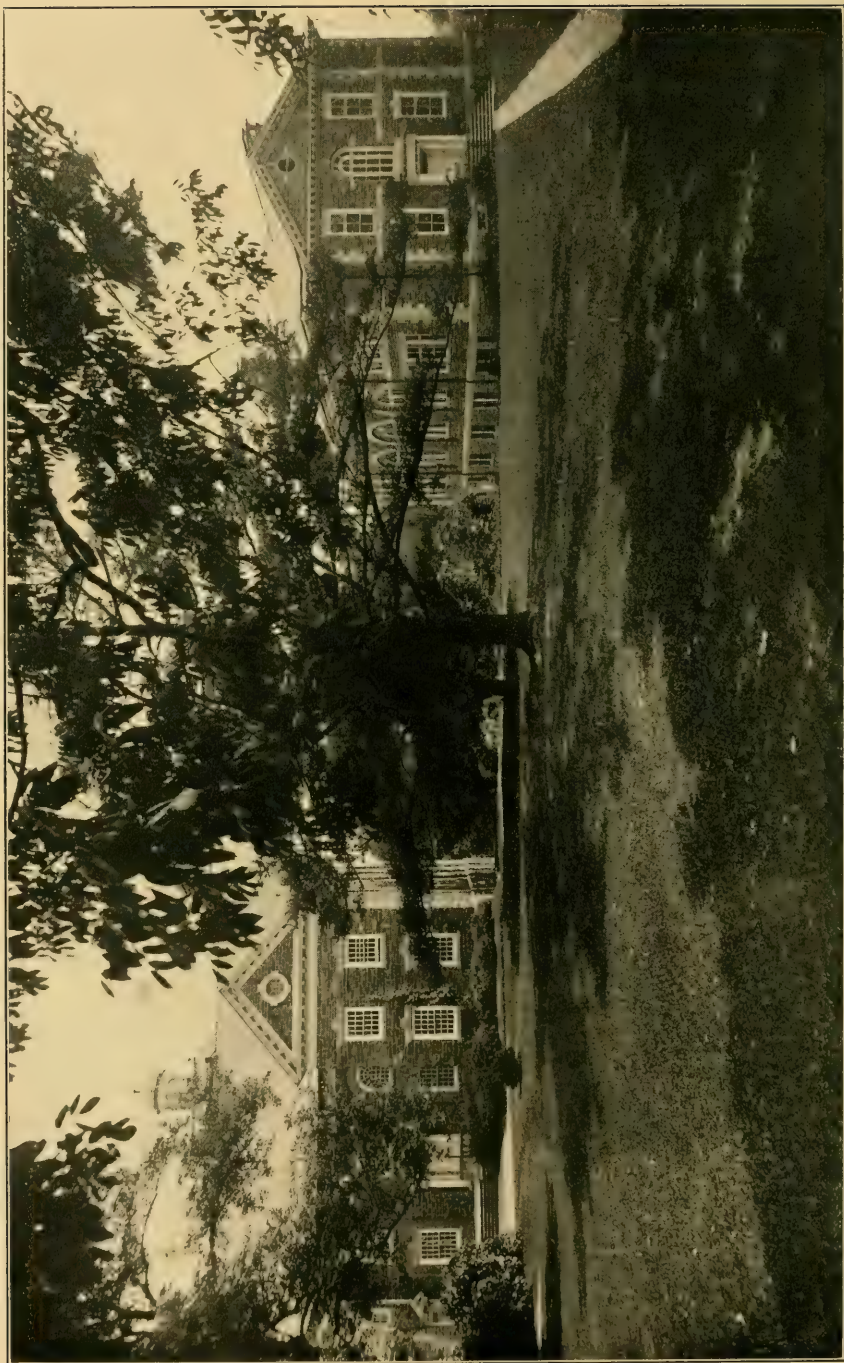
A Lecture Room in the Lyman Beecher Hall Chemistry Laboratory

The special feature of Haverford is the close linking of undergraduates with the Faculty and with the Alumni. Phi Beta Kappa meetings, Alumni Day, spring and fall athletic events, gatherings of the Founders Club, Dramatic Club entertainments, and many other such occasions—these are what make the *personal* Haverford, and bring its alumni back to the College in ever increasing numbers.

There are flourishing alumni organizations in many of the principal cities (see page thirty-one). Undergraduates, through the agency of the Dean's office and the interest of friends in the alumni ranks, are always in line for good business positions on graduation.

The life at Haverford is democratic. There are no fraternity houses, and all students dine in one large hall (see pages eighteen and nineteen). As an annex to the Dining Hall there is a large room for the accommodation of class reunions and graduate dinners. Both rooms are handsomely furnished and are provided with large open fireplaces. These, with frequent log fires during chilly weather, add greatly to the attractiveness of both rooms. A unique Haverford custom is the singing, during meals, of college songs under the leadership of the Glee Club or of the Senior Class. The combination of a handsome dining hall, substantial board, and a thoroughly democratic good-fellowship, makes of the student body one large family whose first thought is loyalty to its Alma Mater.





The Gymnasium and the Lyman Beecher Hall Chemistry Laboratory



Students at Work in the Lyman Beecher Hall Chemistry Laboratory

On the preceding page is an exterior view of the Lyman Beecher Hall Chemistry Laboratory, above is an interior view of one of several Chemistry research rooms, and on page twenty is an interior of the main lecture hall. The building is modern throughout and is devoted entirely to Chemistry.

An adequate supply of apparatus and equipment facilitates the pursuit of both elementary and advanced work. As an aid to the student, both in his laboratory work and in his study, the building houses an up-to-date collection of modern text-books on all branches of the subject and many valuable works of reference and periodicals.



Isaac Sharpless Science Hall



Physical Laboratory, Isaac Sharpless Science Hall

The newest building on the campus is the Isaac Sharpless Science Hall, erected and named by appreciative alumni to commemorate the long and valued service to the College of our late President. This splendid edifice, housing the departments of Physics, Biology and Physiology, is equipped with spacious lecture rooms and laboratories and sundry research rooms for advanced work. On the second floor is located a reference library for the three departments named above.

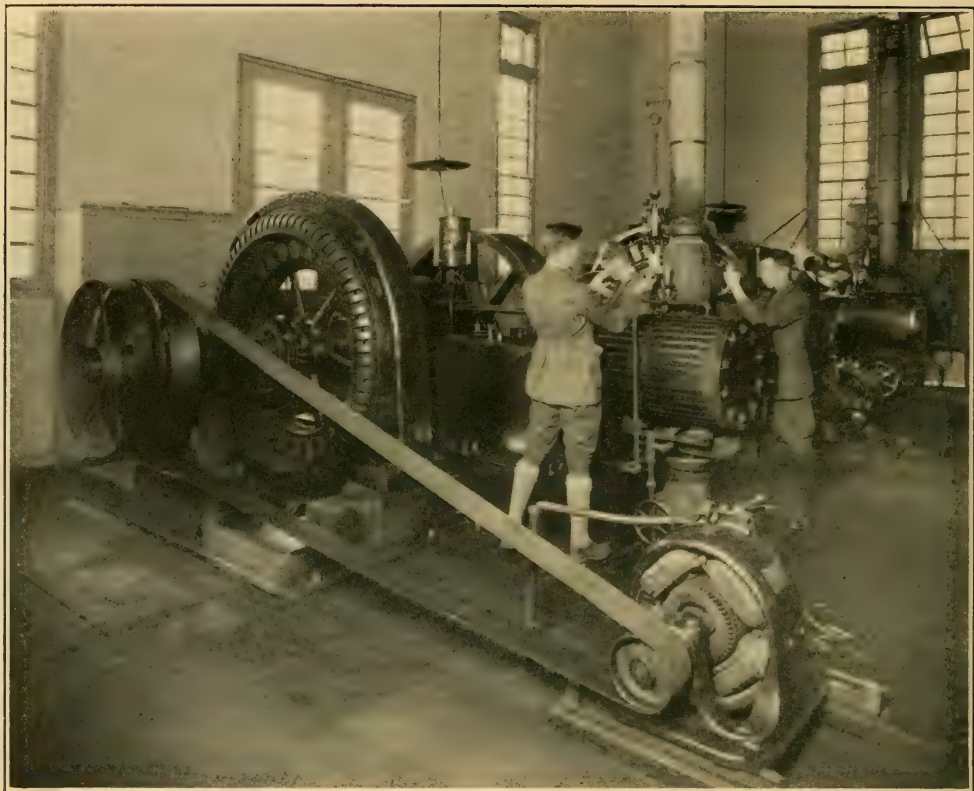


Chase Hall (Lecture and Recitation Hall)



Biological Laboratory, Isaac Sharpless Science Hall

Among the unique features of the Isaac Sharpless Science Hall worthy of special mention are a shaft (the height of the building) to be used for pendulum measurements in Physics, quarters for the care of animals used for research purposes in Biology, a very complete wireless broadcasting station, and a museum for the valuable scientific collections in the possession of the College. All of the rooms in the Physics Department are equipped with direct and alternating current and with compressed air and vacuum connections.



Steam Engine Indicator Practice

The above photograph, together with the two views on the opposite page, illustrate some of the work in the Engineering Department. Haverford engineering courses emphasize the fundamental sciences of Mathematics, Physics, and Chemistry rather than special fields of applied science. All work of the Department is planned with the object of thorough training in fundamentals. This training, coupled with the broad general education required of all Haverford students, prepares the way for the highest professional development.



Draughting Room and Electrical Laboratory—Engineering Department

Whitall Hall
Chase Hall

Lloyd Hall

The Union
Founders Hall

Roberts
Hall

Barday Hall

Merion
Hall

Isaac Sharpless
Science Hall

Library
Stack
Cricket Bldg.
H. C. A. A.

Morris
Infirmary

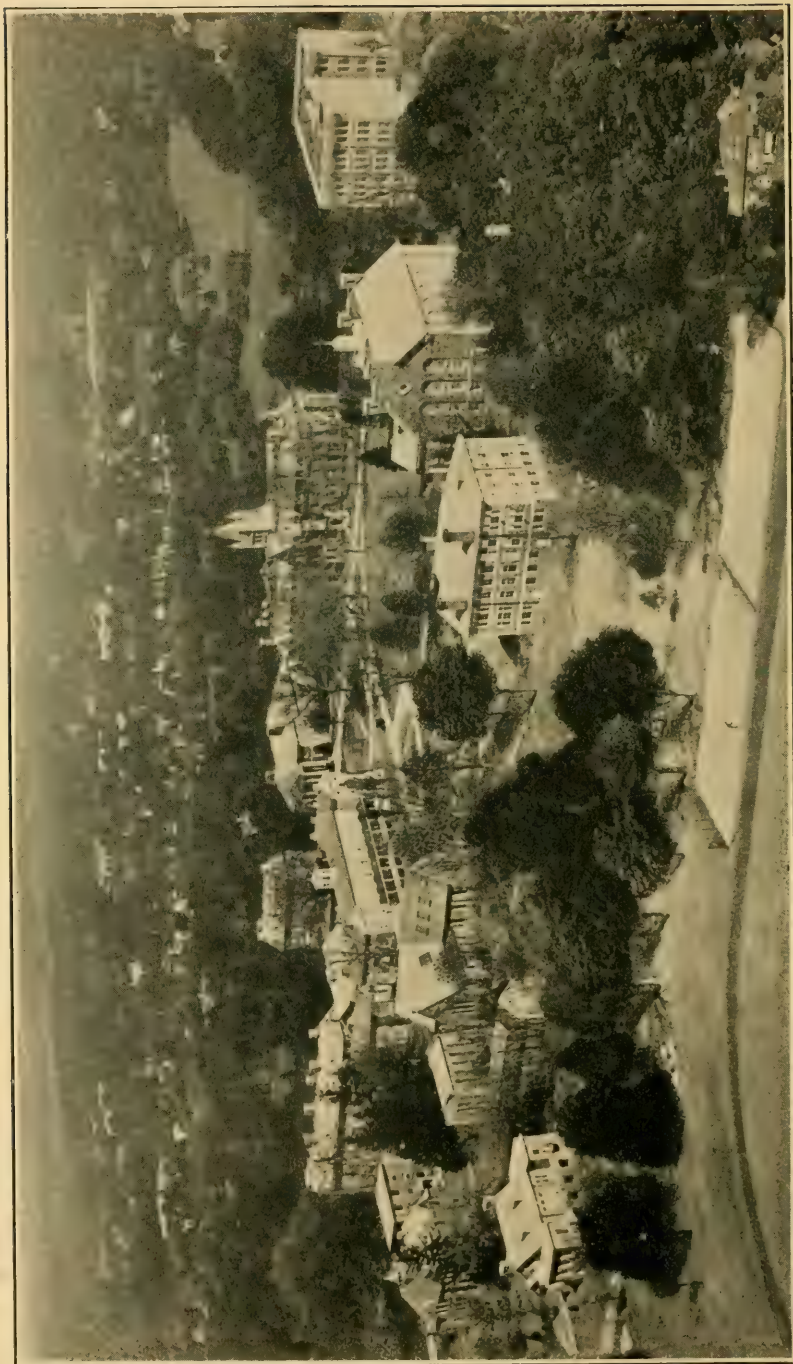
The Library

Lyman Beecher Hall
Chemistry Laboratory

The Gymnasium

Heat, Light and Power
Plant Concealed by Trees

Aeroplane View of Haverford College Campus
A Corner of Walton Field in the Foreground



FACTS OF INTEREST

1923 Statistics



Location	Nine miles west of Philadelphia
Student registration	225
Faculty membership	25
Number of buildings, exclusive of dwellings	20
Acres of property	220
Acres of campus, approximately	100
Value of buildings and property exceeds	\$3,000,000
Productive endowment funds	\$3,650,000
Productive endowment per student	\$16,222
College spends on each student per year	\$1,200
Student pays for room, board and tuition	\$525—\$700
Four competitive Corporation scholarships in every class, each valued at	\$300
Total number of scholarships	65
Total value per year	\$15,000
Volumes in the Library	92,000
Periodicals taken by the Library exceed	200
Library spends, annually, for books and magazines	\$8,000
Courses offered by the College exceed	100
Rhodes scholarships held at Oxford	7
Undergraduate organizations	15
Alumni and undergraduate periodicals published in the College	4
Athletic fields	5
Athletic activities: football (Rugby), Association football ("soccer"), cricket, track, tennis, baseball, basketball and swimming.	
Average age of students:	
Seniors, 21.4; Juniors, 20.3; Sophomores, 19.2; Freshmen, 18.2	
Alumni organized in Boston, New York, Philadelphia, Baltimore, Pittsburgh, Chicago, Cleveland, Kansas City, San Francisco and Los Angeles.	



The Observatories



The Front Lawn with Barclay Hall in the Distance



Haverford College Musical Clubs, 1923



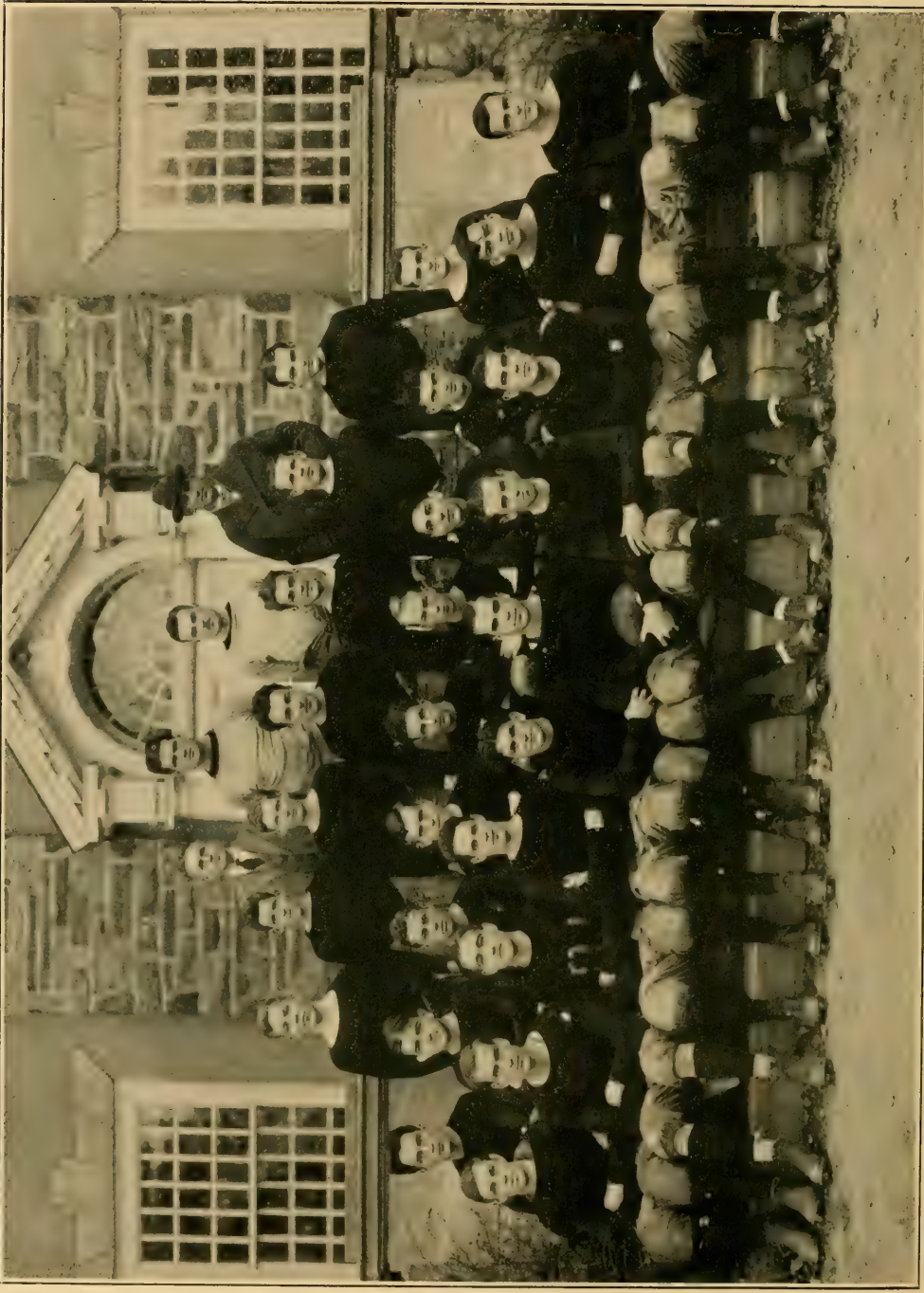
A Corner of the Gymnasium Main Floor
(For Exterior Views of the Gymnasium, see pages 12 and 22)

The athletics of Haverford are centralized under the supervision of the Director, who is also Professor of Hygiene and a member of the Intercollegiate Football Rules Committee. Freshmen and Sophomores are required to take a minimum of three hours per week of athletics and gymnastics throughout the year. In order to qualify for teams they must pass a qualification strength test.

The main floor of the Gymnasium, sixty by ninety feet, is equipped with the most improved gymnastic apparatus, and surrounded by an elevated running track with banked corners. Bowling alleys, swimming pool, dressing and locker rooms are provided in the basement, while well-appointed reading, trophy and measurement rooms are located in the wings of the building.

The physical and moral value of athletics is emphasized at Haverford, and general participation of the students as candidates for the athletic teams is encouraged. The College teams have a good reputation for their clean playing and amateur spirit.

Walton Field, for Rugby football and track athletics, has recently been regraded and resodded and equipped with a concrete grandstand and a new and unusually fast 440-yard cinder track and a 220-yard "straightaway." The Class of 1888 Field, the Class of 1922 Field, and Merion Field provide excellent accommodations for soccer and baseball, while Cope Field, with its attractive pavilion, is the historic home of cricket.



Haverford College Football Squad, 1923

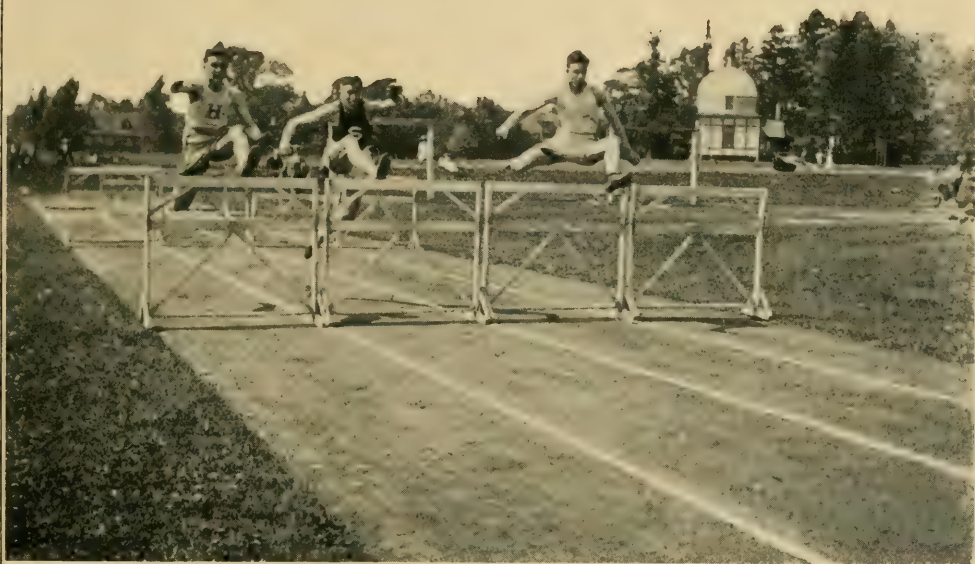


A Game on Walton Field (View from the Grandstand)



Haverford College Track Team, 1923

May 5—Haverford, 92-1³/₅; Stephens, 32-2³/₅
 May 8—Haverford, 77; Delaware, 49
 May 11—Haverford, 110; Susquehanna, 7
 May 22—Haverford, 96-1¹/₂; Franklin and Marshall, 29-1¹/₂
 May 30—Haverford, 73-1¹/₂; Swarthmore, 48-1¹/₂



The Track Team in Action, 1923, May 30 (above) and May 11 (below)



A Typical Haverford College Soccer Team



A Soccer Game on '88 Field
(Walton Field, for Rugby Football and Track Athletics, in the Background)





The Morris Infirmary

Overlooking the Rugby and Soccer football fields, the running track and the tennis courts, the Morris Infirmary is ideally located and provides for both resident and dispensary care of all student medical and surgical cases occurring during the college course. The donor desired to make his gift the most perfectly equipped small college infirmary in the country, and spared neither time nor expense in achieving his object. The extent to which he has succeeded can be appreciated only by an inspection of the building itself and of its perfect appointments. A professional nurse is in residence during the college year and the College Physician visits the Infirmary at least twice a day.



Conklin Memorial Gateway on Path to the Haverford Station

But the ultimate test of a college is the standing and attainments of its graduates. Here Haverford has good reason to be proud. In scholarship, in science (a 1915 Nobel Chemistry Prize winner), in the medical world, in constructive legal work, in music, in art and art criticism, in philanthropy, in business, and in foreign reconstruction work, its alumni have been leaders.

The function of Haverford College is to develop well-rounded men who have a serious interest in the affairs of the world.



The Grove
on Path to the Haverford Station



A Corner of the Mary Newlin Smith Memorial Garden



JUN 1 4 1924

LIBRARY OF
HAVERFORD COLLEGE

HAVERFORD COLLEGE BULLETIN

VOL. XXII

JUNE, 1924

No. 4

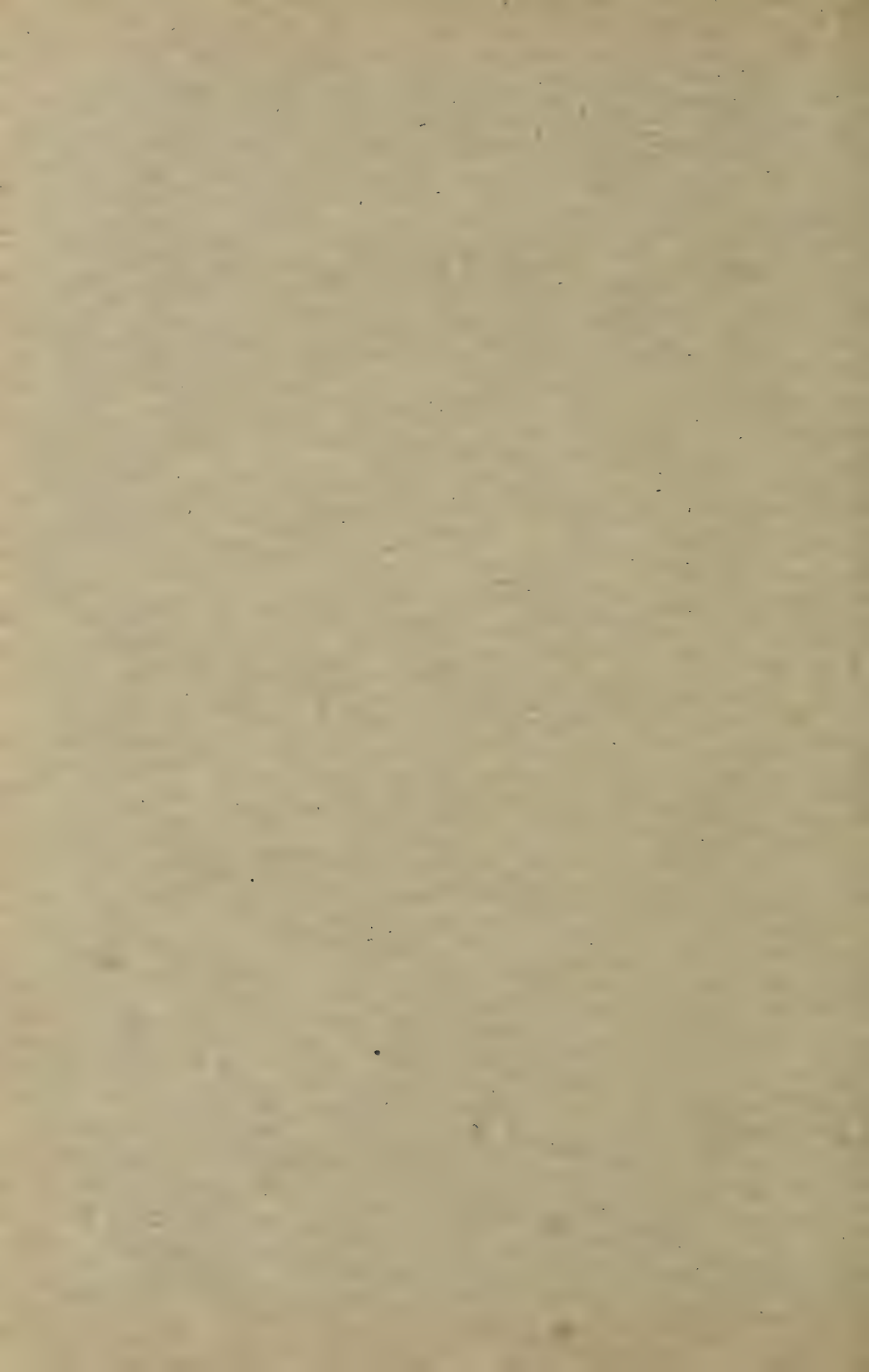
Athletic Number

1923-1924



Issued Quarterly by Haverford College,
Haverford, Pa.

Entered December 10th, 1902, at Haverford, Pa.
Second-Class Matter under Act of Congress of July 16th, 1894.



Haverford College Athletics

1923-1924



Edited in the Interest of Haverford

Foreword

Haverford has been active in all branches of sport, maintaining the usual standard of Haverford participation. Victories have not been too many save in one department, but with the regular and intermural schedules, more Haverford men have been athletically active this year than ever before.

The outstanding success of the college athletic year has been in track and field athletics. Under the loyal and patient guidance of Coach Haddleton, and a numerically gratifying response in team candidacy, the Track season has been without defeat, and the "notches" in the stick registered victories over Dickinson, Delaware, Muhlenberg and Swarthmore, fifth place in the annual meet of the Middle States Association and an almost uniform success in the Freshman Athletic contests with neighboring schools.

The cricket team has had an active season, scheduling as many matches as were available, and, as usual, has excelled in fielding. The tennis team continues to forge ahead, and this department, too, has a constantly larger field of aspirants.

If prospects for next year in other major sports can be measured by the spirit, determination and co-ordination of the team members holding over for another year, these, too, will vie with the track team is registering for Haverford and for all of us Haverford will continue to register the highest type of true amateur sportsmanship.

The Editor would express his appreciation to President Comfort and the members of the Executive Athletic Committee, for their constant co-operation and to the various team captains and managers for aid in supplying data for this bulletin.

One word—Haverford needs now a winter board practice track and a new athletic building.

JAMES A. BABBITT.

June 14, 1924.

Haverford College

Department of Physical Education

WILLIAM WISTAR COMFORT, PH.D., LITT.D., LL.D.
President.

JAMES A. BABBITT, A.M., M.D.
Professor of Hygiene and Physical Training.

ARLINGTON EVANS
Instructor in Physical Training.

HARVEY J. HARMAN
Coach of Football.

A. W. HADDLETON
Coach of Track Team.

JAMES McPEET
Coach of Soccer.

WALTER HUNTZINGER
Coach of Basketball.

THOMAS McNAMARA
Coach of Baseball.

ARCHIBALD McINTOSH
Assistant in Football.

H. NORMAN THORN
Chairman, Alumni Athletic Committee.

GRANVILLE E. TOOGOOD
Graduate Manager and Treasurer of the Athletic Association

Executive Athletic Committee, 1923-1924

PRESIDENT W. W. COMFORT, '94	J. L. SCULL, '05
DR. J. A. BABBITT	G. E. TOOGOOD, '20
DR. F. PALMER, JR.	J. C. ARNOLD, '24
H. N. THORN, '04	R. LONGSTRETH, '23
C. F. BADER, JR., '24	

Athletic Cabinet

DONALD E. WILBUR, '24, <i>President</i>	PHILLIP G. RHOADS, '24
WESLEY M. HEILMAN, '24, <i>Secretary</i>	HOWARD COMFORT, '24
JEROLD C. ARNOLD, '24	OWEN B. RHOADS, '23
EDWARD FOULKE, '24	HARMAN YERKES, '23
RICHARD LONGSTRETH, '24	WILLIAM ROGERS, '23
GRANVILLE TOOGOOD, '20, <i>Ex-officio</i>	

DR. JAMES A. BABBITT, *Chairman*

The Work of the Cabinet

The future of student-extension, universal participation in athletics, an outdoor board track, and special matters connected with schedules and plans in the various athletic departments were among the problems taken up at the five meetings of the Cabinet during the college year 1923-1924.

In accordance with the established custom of the Cabinet it is the practice of the members to indulge with the greatest freedom in a general discussion at these meetings. The Cabinet seeks at all times to make its influence felt in a quiet way by directing and at the same time expressing undergraduate opinion on subjects connected with the athletic activities of Haverford.

The proper co-ordination of the various sports in order to secure the best possible results for the college is one of the primary functions of the Cabinet. During the past year, it has been particularly interested in the work of securing additional athletic facilities, in the shape of an athletic building. The attainment of this long-cherished ideal of the Cabinet is something which is hoped for in the very near future.

W. M. H.

The Financial Situation

The athletic year 1923-24 in its financial aspect has been far more satisfactory than the preceding season, the Athletic Association closing its books with a surplus of \$1121.84 as against \$22.04 on June 9, 1923.

The gain of \$1099.80 indicated is due to three factors: an increase of \$1255.04 in gate receipts, an additional revenue of \$1060 accruing from the sale of Alumni Athletic Tickets, and a slight reduction in the total expenditures for the year; but at the same time there was to be deducted \$1332.50 emergency assessment levied on the students last year, together with \$850 contributed by the alumni in 1922-23, neither of which items is renewed in this year's income.

It will be noted that despite the sale of Alumni Athletic tickets, gate receipts were increased over twelve hundred dollars. This disproves the contention that the use of these tickets (admitting to all home games) would cause a decrease in gate receipts.

Without the \$1060 realized from the alumni tickets, the year's surplus would have been reduced to \$61.84. Moreover, the alumni prefer to lend the aid of their organization in selling tickets for a value received, rather than to make direct donations to the Athletic Association treasury.

It would appear advisable, therefore, to continue the sale of these tickets and to make every effort to dispose of them even more widely. The undoubted success of this plan after a year's trial entitles it to official recognition in the constitution of the Athletic Association.

It is a pleasure to report an addition to the very limited number of profitable sports, the basketball department showing a surplus of \$22.19 over and above all expenses, for the first time in the history of the sport at Haverford College.

Respectfully submitted,

GRANVILLE E. TOOGOOD,
Graduate Manager.

INCOME

Items	Football	Soccer	Track	Base- ball	Cricket	Tennis	Basket Ball	General	Total
Alumni Tickets	.....	.....	.....	.....	.....	.....	.....	\$1,060.00	\$1,060.00
Dues.....	.....	.....	.....	.....	.....	.....	.....	3,300.00	3,300.00
Gate.....	\$3,618.75	\$217.00	\$10.50	\$83.50	.....	.....	\$308.50	*386.19	4,624.44
Guarantees.....	2,175.00	180.00	90.00	460.00	.....	37.50	340.00	.....	3,282.50
Miscellaneous...	71.53	175.00	1.25	7.56	.....	30.50	5.83	8.84	300.51
Totals.....	\$5,865.28	\$572.00	\$101.75	\$551.06	.....	\$68.00	\$654.33	\$4,755.03	\$12,567.45

* Skating Pond Income.

EXPENDITURE

Items	Football	Soccer	Track	Base- ball	Cricket	Tennis	Basket Ball	General	Totals
Equipment.....	\$1,566.62	\$320.25	\$123.16	\$326.84	\$63.37	\$37.50	\$72.40	.....	\$2,510.14
Guarantees.....	835.00	182.80	235.00	228.25	.....	28.50	262.50	.....	1,772.05
Traveling.....	1,500.34	817.31	266.71	391.34	.....	32.50	184.63	.....	3,192.83
Officials.....	267.25	49.50	15.35	95.00	69.00	.....	65.00	.....	561.10
Medical.....	60.00	.....	.....	.....	.....	.....	.....	\$295.75	355.75
Coaching.....	.....	.....	.....	.....	.....	.....	.....	1,000.00	1,000.00
Miscellaneous...	†1,069.10	64.93	59.15	20.00	14.88	25.12	47.61	*752.95	2,053.74
Totals.....	\$5,298.31	\$1,434.79	\$699.37	\$1,061.43	\$147.25	\$123.62	\$632.14	\$2,048.70	\$11,445.61

* Including \$63.23 football expenses, 1924-25, and \$148.70 bills held over from season of 1922-23. Total, \$212.13.

† Including \$455.53 expenses training camp.

Profit.....	\$566.97	\$862.79	\$597.62	\$510.37	\$147.25	\$55.62	\$22.19	.....	\$1,121.84
Loss.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

Summary of the Work of the Executive Athletic Committee

At the first meeting of the year held in the Union October 4, 1923, the following business was transacted: a letter from the Board of Managers was read, thanking the Athletic Association for a gift of \$1000 toward the football coach's salary; the baseball elections for 1924 were ratified; the matter of the amendment to the constitution, whereby final authority in all matters pertaining to athletics would be invested in the faculty, was delegated to a sub-committee to be brought before the whole Athletic Association for a vote; the advisability of having the managers of the three fall sports continue office jointly with the newly elected managers until the schedule for the next year had been made up was discussed and laid on the table; three additional games for the soccer department were approved; the possibility of providing additional soccer practice space was delegated to a sub-committee; the tentative baseball schedule was presented for discussion and was approved with the suggestion that Stevens be scheduled rather than Bucknell; tennis elections for 1924 were approved; and the football manager was authorized to take up the matter of the unconstitutional five dollar Alumni Athletic tickets with the proper authorities and settle the matter as he saw fit.

At the second meeting of the year, held in the Union November 12, 1923, the following business was taken up: the football manager reported that at a meeting with the proper authorities of the Alumni Association, it had been decided that the Alumni Athletic tickets should be accepted this year as an experiment, but that the Constitution should not be changed until the results of the year were seen; the question of managers of fall sports continuing in office with the new managers was discussed and dropped; provision was made for Haverford to be represented at a convention of the National Collegiate Athletic Association in Atlanta, Georgia; cricket elections were approved; football schedule was discussed; basketball game with the University of Pennsylvania was approved; baseball schedule was referred to a sub-committee; Committee went on record as favoring the installation of a board track; Committee went on record as favoring the holding of the Inter-urban scholastic league spring meet

at Haverford; Dr. Babbitt, Graduate Manager Toogood, and Captain Longstreth were authorized to engage a baseball coach.

At a special meeting in the Union, November 26, 1923, a motion was carried that "The members of the Executive Athletic Committee desire to express their confidence in Mr. Harman's work, their full appreciation of his service, and desire for the renewal of his contract."

At the next meeting of the Committee, December 12, 1923, the following business was taken up: permission to mark the main floor of the gymnasium for an indoor tennis court was refused; soccer election and awards were approved as read; football awards were approved with one alteration; football elections for captain and manager were approved, and for assistant managers was laid on the table; football schedule was approved with the suggestion that the Swarthmore game be played on Franklin Field, if possible; the Committee went on record as disapproving the "skinning of a baseball diamond on the football field"; the board track financial campaign was discussed; tentative track schedule was presented but no action was taken on it; and it was decided that due to the weak financial condition of the treasury of the Athletic Association no sweaters would be given out by the Athletic Association to the letter men in the various sports.

The next meeting was held January 22, 1924, in the Union. The elections for assistant managers of football were approved; Messrs. Scull and Toogood were put in charge of investing the money so far collected for the board track until the track should be built; the tennis awards for 1923 were approved; it was reported that an amendment whereby there should be one manager and two assistant managers had been passed; plans were approved whereby Haverford should enter the Middle Atlantic States tennis tournament and the Haverford courts should be used for the preliminary matches on May 24th; decided to present Raymond Thomas with a cup for breaking the college discus record; soccer schedule was approved; and the track schedule was approved.

At the next meeting, held on March 12, 1924, certain changes were recommended for the baseball schedule so as to include several teams from the larger colleges; it was decided that no scheduled soccer games should be played before October 18th. 1924; Dr. Babbitt was authorized to re-engage Coach MacPeat

for 1924; basketball awards and elections were approved as presented; plans for a basketball league to include Pennsylvania, Swarthmore, Cornell, Haverford, Franklin and Marshall, Rutgers, Lafayette, State College, and Stevens were discussed and laid on the table.

At the meeting of the Committee held in the Union May 9, 1924, the following business was taken up: it was decided that gymnasium should not be included as a major sport in the new constitution which is being drawn up; the action of Dr. Babbitt in officially inviting the respective colleges included to hold the Middle Atlantic States track meet at Haverford next year was approved; a sub-committee was appointed to carry through the plans for financing and building the board track; motion was carried that President Comfort write a letter of thanks to Mr. George Thomas, 3rd, for his action in lending the football department a field and several buildings near West Chester for a Haverford football training camp; a sub-committee was appointed to decide on providing necessary equipment and improvements for the camp; track meet with Muhlenberg was approved for May 10th; secretary was directed to write a letter of appreciation to Dr. Post for football coaching last fall and to ask him to accept the appointment to the position of freshman football coach next fall; and several requests to use Walton Field by outside organizations were referred to the President.

The meeting of June 10, 1924, occurs too late to be reported in this bulletin.

Respectfully submitted,

C. F. BADER,
Secretary.

Constitution of the Haverford College Athletic Association

NOTE: The terms Senior, Junior, and Sophomore are used in this Constitution with reference to the year in which the student elected shall be at the time of his service.

ARTICLE I.

Name.

This Association shall be known as the Haverford College Athletic Association.

ARTICLE II.

Object.

The object of this Association shall be to control and further the athletic interests of Haverford College.

ARTICLE III.

Membership.

SECTION 1. There shall be two classes of membership in this Association, Active Membership and Associate Membership.

All members of the Students' Association of Haverford College are Active Members of this Association. All members of the Faculty of Haverford College and all members of the Alumni Association of Haverford College are eligible as Associate Members of this Association.

SECTION 2. All Active Members of this Association shall be assessed fifteen dollars (\$15) per annum as dues. If an Active Member is in attendance as a member of the Students Association for only one-half year or less but for more than one month, he shall be assessed seven and one-half dollars (\$7.50) as dues. All Active Members shall be entitled to admission to all home athletic contests and to the Haverford-Swarthmore football game.

All members of the Faculty and all members of the Alumni Association shall become Associate Members of this Association

on payment of five dollars (\$5) per annum as dues. An Associate Member shall receive a card admitting him to all home athletic contests, except to the Haverford-Swarthmore football game.

ARTICLE IV.

Executive Athletic Committee.

SECTION 1. The executive power of this Association shall be vested in an Executive Athletic Committee.

The Executive Athletic Committee shall consist of three members of the Students Association, three members of the Faculty, including the President of the College and the Athletic Director of the College, and three members of the Alumni Association, including the Graduate Manager of Athletics.

SECTION 2. The three members of the Students Association shall be elected by the Students Council serving the past year. The election shall take place after the election of the Students Council to serve the following year, but prior to the new Students Council entering upon office. The three members of the Students Association shall preferably though not necessarily not be members of the newly elected Students Council. They shall enter upon office in their Senior year and serve for one scholastic year. The remaining member of the Faculty shall be appointed annually by the President of the College. The Graduate Manager shall receive office as specified in Article VI, Section 1. The two remaining members of the Alumni Association shall be elected by the Alumni Executive Committee and shall hold office for one scholastic year.

Any member of the Committee shall be eligible for re-election or re-appointment.

SECTION 3. In event any member of the Executive Athletic Committee shall fail to fulfill his term of office, a new member shall be elected to office in the same manner as his predecessor.

SECTION 4. The officers of the Executive Athletic Committee shall be a Chairman and a Secretary. These shall be a member of the Faculty and a member of the Students Association respectively. The officers shall be elected annually by the Executive Athletic Committee at its first meeting in the scholastic year. The officers shall assume such duties as are specified in Article V.

The first meeting in the scholastic year shall be called by the Chairman of the previous year. If he has not succeeded himself in office as a member of the Executive Athletic Committee, the President of the College shall call the first meeting of the Executive Athletic Committee in the scholastic year for the election of officers.

SECTION 5. The Executive Athletic Committee shall meet at

- (a) The call of the Chairman; or
- (b) The written request of any two (2) members of the Committee.

A quorum of the Executive Athletic Committee shall consist of not less than one member of the Students Association, one member of the Faculty, and one member of the Alumni Association, in addition to the acting officers.

SECTION 6. Subject to the ultimate authority of the faculty, the Executive Athletic Committee shall have full power to act in all matters which may arise in connection with Haverford College athletics.

It shall be the duty of the Executive Athletic Committee to elect the Graduate Manager of Athletics and make all regulations in his regard, as may seem necessary. The Executive Athletic Committee shall elect its Secretary as specified in Article V, Section 2. The schedules of all the recognized departments for all meets and contests as drawn up by the Graduate Manager shall be subject to its approval. All awards as passed by the Committee on Awards in each department shall be subject to its approval. It shall designate an expert to audit at least once every year the accounts of the Treasurer, who shall be the Graduate Manager. The election of Captain, Manager, and Assistant Manager of each department shall be subject to its approval, and, if at any time a change in any or all of these three offices shall appear desirable to the Executive Athletic Committee, it shall have the power to displace any or all of the officers previously elected and appoint new officers to serve until a new Captain, Manager, or Assistant Manager shall be elected in the customary manner. The Executive Athletic Committee shall have power to regulate the coaching systems of the departments and make changes and innovations as it may deem necessary.

ARTICLE V.

Officers of the Executive Athletic Committee.

SECTION 1. The Chairman of the Executive Athletic Committee shall be elected from the three Faculty members of the Executive Athletic Committee by the Executive Athletic Committee at its first meeting in the scholastic year.

As Chairman of the Executive Athletic Committee he shall call all meetings of the Executive Athletic Committee and preside over them. He shall be an *ex-officio* member of all committees appointed or created by this body, and he shall appoint all committees not otherwise provided for. He shall receive all communications for the Executive Athletic Committee.

SECTION 2. The Secretary of the Executive Athletic Committee shall be elected from the three representatives from the Students Association to the Executive Athletic Committee by the Executive Athletic Committee at its first meeting in the scholastic year.

The Secretary of the Executive Athletic Committee shall be directly responsible to the Executive Athletic Committee.

As Secretary of the Executive Athletic Committee he shall keep an accurate record of all meetings and send a copy of all minutes to each member of the Executive Athletic Committee. In the absence of the Chairman he shall preside over meetings of the Executive Athletic Committee.

He shall act as Secretary of the Nominating Committee. As such he shall keep an accurate record of all meetings of the Nominating Committee. In the absence of the Chairman he shall preside over meetings of the Nominating Committee.

He shall become an *ex-officio* member of the Students Council of the Students Association subsequent to his election as Secretary of the Executive Athletic Committee. As such he shall represent the athletic interests of the College on the Students Council.

ARTICLE VI.

Graduate Manager of Athletics.

SECTION 1. The Graduate Manager of Athletics shall be elected by the Executive Athletic Committee.

SECTION 2. The Graduate Manager shall be responsible for all actions in his official capacity to the Executive Athletic Committee. He shall act in an executive capacity. He shall execute the policies of the Executive Athletic Committee and shall dispense with all matters which are not sufficiently important to come before the Executive Athletic Committee.

SECTION 3. He shall act as Treasurer of the Athletic Association. As such he shall receive and be custodian of all funds belonging to the Association as specified in Article XIV and shall disburse them according to his best judgment. He shall not disburse sums greater than fifty dollars (\$50) unless such expenditure shall have been approved by the Executive Athletic Committee. He shall publish an annual report in some undergraduate publication, and in the Athletic Annual, fully itemized, and showing the exact expenses of each department. He shall present his accounts to be audited by an expert designated by the Executive Athletic Committee as often as the Executive Athletic Committee shall desire. He shall see that funds for special uses are so expended. He shall see that a budget system covering all expenses is instituted and adhered to.

SECTION 4. He shall have control of the formation of schedules for all departments of the Athletic Association. All actions of the Management in each department shall be subject to his approval. He shall see that all men awarded letters, insignia, and numerals in each department receive a certificate attesting the same as specified in Article II of the By-Laws. He shall keep on file a complete record of the season for each department as presented by the Committee on Awards in each department and approved by him.

For meets and contests away from home the budget as presented by the Manager of each department shall be subject to his approval. The amount of this budget shall be paid by the Graduate Manager to the Manager, the Graduate Manager taking the Manager's receipt. It shall be his aim to always provide the Manager with a sufficient amount to cover all expenses, having as a result a balance in the Manager's hands upon his return rather than a deficit.

For meets and contests at home the Graduate Manager shall be responsible for all arrangements for officials, tickets, grounds, etc., the Manager's responsibilities ending with getting the team

on the field properly equipped and ready to play unless otherwise directed by the Graduate Manager, in which case he shall be responsible for the duties assigned to him by the Graduate Manager.

All orders for equipment as prepared by the Manager shall be subject to his approval. Such equipment as is ordered shall be charged to him.

SECTION 5. He shall act as Chairman of the Nominating Committee. As such he shall call all meetings of the Nominating Committee and shall preside over them. He shall receive all communications for the Nominating Committee.

ARTICLE VII.

Nominating Committee

SECTION 1. The Nominating Committee shall consist of the Graduate Manager and the three representative members of the Students Association elected to the Executive Athletic Committee.

SECTION 2. The Graduate Manager shall receive office as specified in Article VI, Section 1, and the members of the Students Association shall be elected as specified in Article IV, Section 2.

SECTION 3. The officers of the Nominating Committee shall be a Chairman and a Secretary. These shall be the Graduate Manager and the Secretary of the Executive Athletic Committee respectively. They shall assume such duties as are specified in Article VI, Section 5, and Article V, Section 2, respectively.

SECTION 4. The Nominating Committee shall meet at

(a) The call of the Chairman; or

(b) The written request of any other two (2) members of the Committee.

A quorum of the Nominating Committee shall consist of the Graduate Manager and not less than two other members of the Committee.

SECTION 5. The Nominating Committee shall nominate for each department not less than six Sophomores for Sub-Assistant Managers preferably though not necessarily from a list of candidates which the Manager of each department may present.

In event of a vacancy in the Managership of any department, the Nominating Committee shall nominate two Seniors, from whom the Team Squad shall elect one as Manager. These shall be preferably though not necessarily the defeated Sub-Assistant Managers of the department.

In event of a vacancy in the Assistant Managership of any department, the Nominating Committee shall nominate three Juniors, from whom the Team Squad shall elect one as Assistant Manager. These shall be preferably though not necessarily the defeated Sub-Assistant Managers of the previous season.

In event of a vacancy in the Sub-Assistant Managership of any department, the Nominating Committee shall nominate three Sophomores, from whom the Team Squad shall elect one as Sub-Assistant Manager.

In event the Executive Athletic Committee decides that a change of Manager is desirable, the Nominating Committee shall nominate two Seniors, from whom the Team Squad shall elect one as Manager. These shall be preferably though not necessarily the defeated Sub-Assistant Managers of the department.

ARTICLE VIII.

Departments.

SECTION 1. There shall be seven departments in the Haverford College Athletic Association, namely, Football, Soccer, Basketball, Track, Baseball, Tennis, and Cricket.

SECTION 2. Each of these departments shall consist of a Captain; the Management comprising a Manager, two Assistant Managers, and four Sub-Assistant Managers; the existing coach, if there is any; a Committee on Awards; a Regular Team; and a Team Squad.

ARTICLE IX.

Captain.

SECTION 1. The Captain of each department shall be elected by the Regular Team selected as specified in Article XIII immediately after the last game of the season. The election shall be by secret ballot, shall be conducted by the Committee on Awards, and shall be subject to the approval of the Executive Athletic

Committee. Only members of the Regular Team shall be eligible for election.

SECTION 2. In event a Captain shall fail to fulfill his term of office or is removed from office by the Executive Athletic Committee, a new Captain shall be elected by the Regular Team in the customary manner to serve for the balance of his predecessor's term of office.

SECTION 3. The Captain of each department shall act in his capacity of leadership to create greater enthusiasm and harmony of action among the members of and candidates for the team which he captains.

SECTION 4. He shall be *ex-officio* Chairman of the Committee on Awards in the department of which he is Captain. As such he shall call all meetings of the Committee on Awards and shall preside over them. He shall receive all communications for the Committee on Awards in his department.

ARTICLE X.

Management.

SECTION 1. The Management of each department shall consist of a manager, two Assistant Managers, and four Sub-Assistant Managers.

SECTION 2. The Manager of each department shall be elected from the two Assistant Managers by the Team Squad immediately after the last game of the season.

The Assistant Managers of each department shall be elected by the Team Squad immediately after the last game of the season from the four Sub-Assistant Managers serving the previous season.

The Sub-Assistant Managers of each department shall be elected by the Team Squad from not less than six Sophomores nominated by the Nominating Committee.

The election of a Manager, Assistant Managers, and four Sub-Assistant Managers shall be by secret ballot, shall be conducted by the Committee on Awards, and shall be subject to the approval of the Executive Athletic Committee. The Executive Athletic Committee will preferably not approve the election of a student as Manager or Assistant Manager of any department if that student is a member of the Team Squad of that department

SECTION 3. In event a Manager shall fail to fulfill his term of office or is removed from office by the Executive Athletic Committee, a new Manager shall be elected by the Team Squad from two Seniors nominated by the Nominating Committee. These shall be preferably though not necessarily the defeated Sub-Assistant Managers of the department.

In event an Assistant Manager shall fail to fulfill his term of office or is removed from office by the Executive Athletic Committee, a new Assistant Manager shall be elected by the Team Squad from three Juniors nominated by the Nominating Committee. These shall be preferably though not necessarily the defeated Sub-Assistant Managers of the previous season.

In event a Sub-Assistant Manager shall fail to fulfill his term of office, a new Sub-Assistant Manager shall be elected from three Sophomores nominated by the Nominating Committee.

SECTION 4. The Manager of each department shall be directly responsible to the Graduate Manager and all his actions shall be subject to the approval of the Graduate Manager.

The Manager shall order such equipment for his team as has been approved by the Graduate Manager. He shall make all arrangements for trips which are to be taken by the team of his department subject to the approval of the Graduate Manager and shall see that all trips are properly conducted. He shall prepare a budget for each trip in co-operation with the Graduate Manager. This amount shall be paid by the Graduate Manager to the Manager, for which the Manager shall give the Graduate Manager a receipt. Immediately after each trip the Manager shall give the Graduate Manager an itemized account of the trip on forms provided by the Graduate Manager and shall return the guarantee intact, all other incomes, and the balance in his hands above the actual expenses of the trip. The Manager shall see that all visiting teams for his department are properly met and receive proper attention until their departure.

The Manager is requested to present a list of candidates for Sub-Assistant Managers to the Nominating Committee.

The Manager shall be a member of the Committee on Awards. As such he shall prepare a complete record of the season in which he has been Manager, including the scores of all meets and contests, names of all men participating in each game, a list of the Regular Team, and a list of the Team Squad.

The Assistant Manager of each department shall be directly responsible to the Manager of that department. He shall perform such duties and render such assistance as the Manager may require.

The Sub-Assistant Managers of each department shall be responsible to the Assistant Manager and Manager of that department. They shall perform such duties and render such assistance as they may require.

ARTICLE XI.

Coach.

SECTION 1. The Coach of each department shall be appointed by the Executive Athletic Committee, which shall make such regulations in his regard as it may deem fitting and necessary.

SECTION 2. He shall be directly responsible to the Executive Athletic Committee and shall have such relations with the Executive Athletic Committee as they shall stipulate in their contract with him.

He shall be a member of the Committee on Awards and as such shall be responsible for the duties which it may require of him.

ARTICLE XII.

Committee on Awards.

SECTION 1. The Committee on Awards in each department shall consist of the Captain, Manager, and Coach of that department chosen as specified in Articles IX, X, and XI respectively.

SECTION 2. The officers of the Committee on Awards shall be the Chairman who shall be the Captain. He shall receive office and assume such duties as are specified in Article IX.

SECTION 3. The Committee on Awards shall meet at the request of any member of the Committee. No business shall be transacted in the absence of any member of the Committee.

SECTION 4. The Committee on Awards shall select the Regular Team and Team Squad in accordance with the regulations of Article XIII. It shall select the members of the team who shall compete in each meet or contest of that department. It shall decide what candidates for the team of that department shall be

taken on a trip when there is a meet or contest away or shall report dressed for a meet or contest at home.

The Committee on Awards shall arrange a schedule of practices for the team and candidates for the team. In conjunction with the Athletic Director of the College it shall decide what the training rules for that department shall be. It shall see that each member of the team and candidate for the team is acquainted with these rules and adheres to them. It shall conduct all elections of the Regular Team and Team Squad for Captain, Manager, Assistant Manager, and Sub-Assistant Manager as specified in Articles IX and X. It shall decide upon all awards for the past season subject to the approval of the Executive Athletic Committee. It shall keep the results of all elections and awards secret until publication of the same is authorized by the Executive Athletic Committee.

ARTICLE XIII.

Regular Team and Team Squad.

SECTION 1. The Regular Team in each department shall consist of all men receiving the Varsity Letter in that department and of such Numeral men and other members of the Team Squad as the Committee on Awards shall choose, provided that all Numeral men shall be chosen before any other members of the Team Squad are chosen. The Regular Team shall at no time consist of more than two men above the number of men on a team nor less than the number of men on a team. The Regular Team shall meet at the call of the Committee on Awards.

It shall be the duty of the Regular Team to elect the Captain for the following season as specified in Article IX, Section 1.

SECTION 2. The Team Squad in each department shall consist of such men as are chosen by the Committee on Awards in accordance with the following regulations.

The Team Squad shall be defined in each department as follows:

(a) Football—Not less than twenty-two men, including all men who have participated in any intercollegiate varsity game during the season.

(b) Soccer—Not less than twenty-two men, including all men who have participated in any intercollegiate varsity game during the season.

(c) Basketball—Not less than ten men, including all men who have participated in any intercollegiate varsity game during the season.

(d) Track—All men performing in any intercollegiate varsity meet during the season.

(e) Baseball—Not less than eighteen men, including all men who have participated in any intercollegiate varsity game during the season.

(f) Tennis—All men playing in any intercollegiate varsity match during the season.

(g) Cricket—Not less than twenty-two men, including all men who have participated in any varsity match during the season.

The Team Squad shall meet at the call of the Committee on Awards.

It shall be the duty of the Team Squad to elect the Manager, Assistant Managers, and Sub-Assistant Managers as specified in Article X.

ARTICLE XIV.

Finances.

SECTION 1. All funds belonging to this Association shall be in the hands of the Graduate Manager as specified in Article VI, Section 3. These funds shall include all dues of all members as specified in Article III, Section 2; all gate receipts and guarantees received; and all contributions and other receipts for the benefit of the Athletic Association. At the beginning of each scholastic year the President of the College shall submit a budget of the funds of the College available for athletic purposes, said budget to be strictly adhered to by the Executive Athletic Committee or funds from this source.

SECTION 2. All funds shall be expended by the Graduate Manager according to his best judgment. He shall not disburse sums greater than fifty dollars (\$50) until such expenditure shall have been approved by the Executive Athletic Committee.

Orders for equipment as approved by the Graduate Manager shall be charged to the Graduate Manager.

Expenditures for trips shall be made as specified in Article VI, Section 4, and Article X, Section 4.

ARTICLE XV.

By-Laws.

The By-Laws of this Association may be amended or suspended by a two-thirds vote of the members of the Executive Athletic Committee present at any meeting.

ARTICLE XVI.

Amendment to Constitution.

This Constitution may be amended by a two-thirds vote of the Executive Athletic Committee provided that each member of the Executive Athletic Committee receive a copy of the proposed amendment at least one week prior to said vote.

Any amendment thus adopted must be approved by a two-thirds vote of the Students' Association and of the faculty and whenever feasible, of the Alumni Association, within two weeks after its adoption.

By-Laws of the Haverford College Athletic Association

ARTICLE I.

Eligibility Rules.

SECTION 1. The eligibility rules for all Haverford College athletics shall be as stated herein except wherein they shall be supplemented by the rules of any conference, association, or organization of which the Haverford College Athletic Association is a member.

SECTION 2. No student shall be allowed to represent the College in any athletic contest either individually or as a member of any team who either before or since entering the College shall have engaged for money in any athletic competition, whether for stake or money prize, or a share of the entrance fees or admission money; or who shall have competed under a false name in any athletic exercise; or who shall have taught or pursued as a means of livelihood any athletic exercise; or who shall have directly or indirectly accepted or received remuneration for training or coaching any other person in any athletic exercise, for acting as referee, judge, umpire, scorer, manager, director, or in any other capacity at any professional exhibition or contest of any athletic exercise.

Nothing herein shall be construed to prohibit the acceptance by a person of his necessary traveling expenses incurred as referee, judge, umpire, scorer, or starter, in going to and from the place of any amateur contest; or the acceptance of compensation for services rendered as ticket-taker or ticket-seller at any contest or exhibition of amateur athletics; or the acceptance of compensation for services personally rendered as secretary, treasurer, manager, or superintendent of any amateur athletic club; or receiving compensation as editor, manager, director, correspondent, reporter of, or contributor to any sporting, athletic, or other paper or periodical.

SECTION 3. No one shall play on any College team in any contests who is not a bona-fide student of the College, regularly registered and in good standing.

SECTION 4. No student who is admitted to Haverford College from another university or college shall be permitted to partici-

pate in intercollegiate athletic contests within a period of one-half year from date of admission.

SECTION 5. No student shall represent the College in athletic contests for more than four years.

SECTION 6. Any student holding a degree from a recognized college or university is ineligible to represent Haverford College in intercollegiate athletic contests.

SECTION 7. No student shall be allowed to represent the College on any Varsity or Class team under an assumed name.

ARTICLE II.

Awards

SECTION 1. All awards by the Haverford College Athletic Association shall be made by the Committee on Awards in each department subject to the approval of the Executive Athletic Committee.

SECTION 2. The awards which may be given in recognition of athletic ability and service to the College are: Varsity Letter, and Class Numerals.

Upon vote of the Team Squad the Committee on Awards may include in its awards an award of a charm to the manager for his services.

No man shall receive more than one award in any one department in any one season. The number of awards given in any one sport in any one season shall be at the discretion of the Executive Committee.

SECTION 3. Each man awarded a Varsity Letter shall receive a certificate attesting the same and signed by the President of the College, the Athletic Director and the Captain of the department awarding the letter.

Each man awarded the Class Numerals shall receive a certificate attesting the same and signed by the Athletic Director and the Captain of the department awarding the numerals.

SECTION 4. Each man may receive a sweater with the first Varsity Letter which has been awarded to him in each department, at the discretion of the Executive Committee.

SECTION 5. No person shall be entitled to wear any emblem or award, uniform or parts of uniform, except on the field or in a meet and then only when authorized to such effect, until that

person shall have been authorized to do so by the Committee on Awards.

SECTION 6. The Varsity H for all branches of athletics shall be as follows: (a) On all coat sweaters and jerseys the H shall be block and shall be $2\frac{3}{4}$ inches across (not including the block) and $4\frac{1}{2}$ inches high. The block shall extend $\frac{1}{2}$ inch beyond the bar and shall be $\frac{1}{2}$ inch thick at the base, tapering to $\frac{3}{8}$ inch at the end. The base shall be $\frac{3}{4}$ inch thick. (b) On all V-neck sweaters the H shall be straight, 4 inches wide and $5\frac{1}{2}$ inches high, the base shall be 1 inch thick, except the Cricket and Baseball H, which shall be Block H's.

The Varsity Insignia shall be as specified in those departments in which they may be awarded.

In each department the Class Numerals and sweaters shall be identical in color and style, respectively, with the regulation Varsity H and sweater as prescribed for that department. The numerals shall be plain Arabic numerals, $3\frac{1}{2}$ inches high and $\frac{3}{4}$ inch thick.

The Charm awarded to Managers shall be gold in the form of an H properly engraved.

ARTICLE III.

Football.

SECTION 1. The football jersey shall be black, with sleeves striped, alternating scarlet and black, the stripes being two (2) inches wide. The jersey may not be worn off the athletic field.

SECTION 2. The football sweater shall be a solid black coat or V-neck sweater with the regulation scarlet Varsity H.

ARTICLE IV.

Soccer.

SECTION 1. (a) The Varsity soccer uniform shall consist of a gray shirt with a scarlet and black stripe, 3 inches wide, running diagonally over the right shoulder; black trousers, scarlet belt and black stockings with a 4-inch scarlet horizontal stripe. The soccer shirt must be worn by a player in any First Team game.

(b) The Second Team uniform shall be similar to that of the Varsity, except that the shirt shall have no stripe. This shirt must be worn by a player in any Second Team game.

SECTION 2. The soccer sweater shall be a solid white coat or V-neck sweater, with the regulation scarlet Varsity H.

ARTICLE V.

Basketball.

SECTION 1. The basketball uniform shall consist of a black jersey with two scarlet 1-inch stripes separated by $5\frac{5}{8}$ inches, or a white jersey with two scarlet and black 1-inch stripes separated by $5\frac{5}{8}$ inches; khaki basketball trousers with scarlet and black stripes of $\frac{5}{8}$ inch each, down the sides; and black stockings. The jersey shall be appropriately numbered on the back in scarlet.

SECTION 2. The basketball sweater shall be a solid white coat or V-neck sweater with the regulation scarlet and black block H. The regulation scarlet and black block H shall consist of two sections formed by the diagonal from the upper right-hand corner of the H (exclusive of the block) to the lower left-hand corner (exclusive of the block). Note that both upper blocks will be entirely scarlet and both lower blocks entirely black.

ARTICLE VI.

Track.

SECTION 1. The track uniform shall consist of a white sleeveless jersey and white running trousers, with scarlet and black $\frac{1}{2}$ -inch stripe down the sides and around the bottom.

SECTION 2. The track sweater shall be a solid scarlet coat or V-neck sweater, with the regulation black Varsity H. A regulation black block H shall be worn on the jersey.

In awarding the track H, the following considerations shall form a working basis:

(a) In the annual I. C. A. A. A. Meet, men who have won a point or part of a point.

(b) In the Middle States Intercollegiate Meet, men who have won or tied for a place, and who have won three (3) points in dual meets during the season.

(c) In the U. of P. Relay Carnival, members of a winning relay team who have won three (3) points in dual meets during the season.

(d) In dual meets, men who have won first place or tied for first place with a member of the opposing team, and also won five (5) other points in dual meets during the season. Note—A tie for second place with a member of the opposing team shall count three (3) points.

SECTION 3. Numerals may be awarded to any man scoring six (6) points in dual meets during the season.

SECTION 4. Points toward the Walton Prize Cup shall be counted as follows:

(a) I. C. A. A. A. Meet—For each of the five places, respectively, 25, 20, 15, 10 and 5 points.

(b) M. S. I. C. C. Meet—For each of the four places, respectively, 15, 9, 6 and 3 points.

(c) U. of P. Relays—Each member of the relay team for the three places, respectively, 5, 3 and 1 points. Three places in individual events, respectively, 15, 9 and 3 points.

(d) Dual Meets—Points to count as they are scored for the team.

ARTICLE VII.

Baseball.

SECTION 1. The baseball uniform shall consist of a plain gray collarless shirt with "Haverford" in 3-inch black letters on the breast and $\frac{3}{4}$ -inch sleeves, plain gray knee knickerbockers, plain black stockings, and a gray cap with a black straight H $1\frac{1}{8}$ inches by $1\frac{1}{8}$ inches.

SECTION 2. The baseball sweater shall be a solid white coat or V-neck sweater with the regulation black block H.

ARTICLE VIII.

Tennis.

SECTION 1. A scarlet regulation straight H may be awarded at the discretion of the Executive Committee, to be worn on the breast of a white V-neck sweater.

ARTICLE IX

Cricket

SECTION 1. The cricket colors shall consist of the cricket sweater, the scarlet and black blazer and cap, and scarlet and black sash. The cricket sweater shall be white, V-neck with a scarlet and black band on the skirt and wrists $1\frac{1}{2}$ inches wide, and shall have on the breast a scarlet block H.

ARTICLE X.

Varsity Hat.

SECTION 1. The only hat on which H's may be worn shall be Varsity hat, and H's may be worn thereon only by those to whom they have been awarded as herein provided. The hat shall be a white flannel University Special hat (such as Spalding's No. 202) with scarlet and black block H with diagonal line from upper left to lower right-hand corner, left section scarlet. The letter to be of the following dimensions: Height, $\frac{3}{4}$ inch between blocks; block, $\frac{9}{32}$ inch thick, projecting $\frac{3}{16}$ inch; width inside bars, $\frac{1}{2}$ inch; cross bars, $\frac{9}{32}$ inch thick midway between blocks; vertical bars, $\frac{1}{4}$ inch thick.

ARTICLE XI.

Class Hat.

SECTION 1. The only hat on which class numerals may be worn shall be the official class hat, and numerals may be worn thereon only by those to whom they have been awarded as herein provided. The numerals shall be plain Arabic numerals 1 inch high and $\frac{1}{4}$ inch thick.

ARTICLE XII.

Wearing of Emblems.

No person shall be entitled to wear an emblem, uniform or parts of uniforms above mentioned, except on the field or in a meet, until that person shall have been authorized to do so by the committee having charge of same.

Football Department

Captain

DONALD E. WILBUR

Coach

HARVEY J. HARMAN, Pitt.

Manager

CHARLES F. BADER

Assistant Manager

HARMAN A. YERKES

Cheer Leader

EDWARD B. PATTERSON

VARSIITY SQUAD

WILBUR, '24 (<i>Captain</i>)	.....	fullback
ARNOLD, '24	.....	left halfback
CAUFFIEL, '24	.....	left tackle
COMFORT, '24	.....	right tackle
FOULKE, '24	.....	left tackle
HEILMAN, '24	.....	left halfback
BILLO, '25	.....	right halfback
GARRET, P., '25	.....	quarterback
HARVEY, '25	.....	center
HOLLINGSHEAD, '25	.....	left tackle
KUMM, '25	.....	fullback
MONTGOMERY, '25	.....	right end
RHOADS, '25 (<i>Captain-elect</i>)	.....	left end
BUSSELLE, '26	.....	right guard
LAMBERTI, '26	.....	quarterback
LOWRY, '26	.....	right halfback
MILLER, M., '26	.....	center
NOCK, '26	.....	right halfback
PERRING, '26	.....	left end
SASSAMAN, P., '26	.....	right end
SUMWALT, '26	.....	right guard
TATNALL, '26	.....	left guard
ALBERT, '27	.....	left guard
MILLER, W., '27	.....	right tackle
NOLAN, '27	.....	left halfback



Haverford College Football Team, 1923-24

Awarded the Football "H"

WILBUR (<i>Captain</i>)	GARRETT	SASSAMAN, P. ..
BADER (<i>Manager</i>)	HOLLINGSHEAD	SUMWALT
ARNOLD	MONTGOMERY	ALBERT
CAUFFIEL	RHOADS	MILLER, W.
HEILMAN	LAMBERTI	NOLAN
BILLO	MILLER, M.	

Awarded Football Numerals

COMFORT, '24	KUMM, '25	NOCK, '26
FOULKE, '24	BUSSELLE, '26	PERRING, '26
HARVEY, '25	LOWRY, '26	TATNALL, '26

Football Scores, Season 1923

Haverford	0	Brown	34
Haverford	3	Temple	0
Haverford	6	Stevens	20
Haverford	6	Ursinus	19
Haverford	0	Johns Hopkins	9
Haverford	6	Delaware	16
Haverford	13	Albright	0
Haverford	13	Washington	7
Haverford	0	Swarthmore	17
	<hr/>		<hr/>
	47		122

Haverford, 0; Brown, 34

September 29, 1923

Haverford		Brown
Rhoads	l. e.	Sheldon
Cauffiel	l. t.	(Capt.) Spellman
Albert	l. g.	Barrett
M. Miller	c.	Eckstein
Busselle	r. g.	McDermott
W. Miller	r. t.	Reynolds
Montgomery	r. e.	Schmults
Arnold	q. b.	Eisenberg
Nolan	l. h. b.	Swaney
Billo	r. h. b.	Payor
Wilbur (Capt.)	f. b.	Pohlman

Referee—Berry, Springfield. Umpire—Burleigh, Exeter. Head linesman—Davis, Wesleyan. Field judge—Halloran, Springfield. Touchdowns—Brown; Klump (2), Higgins, Meyers, Ferry. Goals from touchdown—By drop kicks: Higgins (2), Ferry (2). Periods—First and third, 12 minutes; second and fourth, 10 minutes. First downs—Brown, 14; Haverford, 9.

Substitutions—First quarter: Haverford, none; Brown, none. Second quarter: Haverford, Heilman for Nolan, Lamberti for Arnold, Hollingshead for Busselle; Brown, Meyers for Eisenberg, Ferry for Swayney, Stifler for Schmults, Higgins for Payor, Meier for Sheldon, Roman for Reynolds, Johnson for Barrett, Talbot for Eckstein, Marshall for Pohlman, Metzger for Spellman, Klump for Ferry, Moorehouse for McDermott. Third quarter: Haverford, Sumwalt for Hollingshead, Comfort for W. Miller, Lowry for Billo, Foulke for Cauffiel. Brown: Chaffee for Meier, Cross for Meyers, MacCrillis for Moorehouse, Layer for Stifler, Staple for Metzger, Mazet for Talbot, Newbauer for Marshall. Fourth quarter: Haverford, Sassaman for Montgomery, Arnold for Lamberti, Nolan for Heilman, Harvey for M. Miller. Brown: DeMilla for Roman, A. E. Peters for Higgins, Schmults for Layer, Reynolds for DeMilia, MacDermott for MacCrillis, Eckstein for Mazet, Spellman for Staple, Sheldon for Chaffee, Eisenberg for Cross, Pohlman for Newbauer.

Score by quarters:

Brown	0	21	7	6—34
Haverford	0	0	0	0—0

Haverford, 3; Temple, 0

October 6, 1923

Haverford		Temple
Rhoads	l. e.	Diffendorffer
Sumwalt	l. t.	Gary
Albert	l. g.	Rosler
M. Miller	c.	Shepherd
Busselle	r. g.	Passmore
W. Miller	r. t.	Zeppe
Montgomery	r. e.	Thornton
Arnold	r. h. b.	Geiges
Nolan	q. b.	Deary
Lamberti	l. h. b.	Hackman
Wilbur	f. b.	Carnover

Substitutions—Haverford: Hollingshead for Albert, Garrett for Lamberti, Comfort for W. Miller, Cauffiel for Comfort.

Haverford, 6; Stevens, 20

October 13, 1923

Haverford		Stevens
Rhoads	l. e.	Meyer
Sumwalt	l. t.	Einbeck
Albert	l. g.	Mylting
M. Miller	c.	Donahue
Busselle	r. g.	Veit
W. Miller	r. t.	(Capt.) Laverie
Montgomery	r. e.	Gazda
Lamberti	q. b.	Allen
Arnold	l. h. b.	Snyder
Billo	r. h. b.	Glaeser
Kumm	f. b.	O'Callaghan

Referee—W. G. Short. Umpire—A. A. Mason. Head linesman—E. J. Madden. First downs—First half, Stevens, 7; Haverford, 2. Second half, Stevens, 2; Haverford, 9. Total: Stevens, 9; Haverford, 11. Forward passes—Haverford: Completed, 6; intercepted, 2; grounded, 7. Stevens, completed, 3; intercepted, 3; grounded, 6. Substitutions—Stevens, S. DeHart for O'Cal-

laghan, O'Callaghan for S. DeHart, Clauss for Veit, K. DeHart for Gazda. Haverford—Garrett for Lamberti, Lowry for Billo, Sassaman for Montgomery, Cauffiel for W. Miller.

Score by periods:

Haverford	0	0	0	6—6
Stevens	7	7	6	0—20

Haverford, 6; Ursinus, 19

October 20, 1923

Haverford		Ursinus
Rhoads	l. e.	Mann
Cauffiel	l. t.	Skinner
Albert	l. g.	Rensch
M. Miller	c.	Yaukey
Sumwalt	r. g.	Clark
W. Miller	r. t.	R. Moyer
Montgomery	r. e.	Gottschalk
P. Garrett	q. b.	Wisner
Nolan	l. h. b.	(Capt.) Faye
Lamberti	r. h. b.	Eckert
Wilbur (Capt.)	f. b.	S. Moyer

Officials: Referee—White. Umpire—Davidson. Linesman—Glinton. Substitutions—Haverford, Busselle for Cauffiel, Lowry for Garrett; Ursinus, Gallagher for Skinner. First downs—Haverford, first half, 2; second half, 7. Ursinus, first half, 3; second half, 7. Totals: Haverford, 11; Ursinus, 10. Forward passes: Haverford—Attempts, 11; completed, 3; grounded, 6; intercepted by opponents, 2. Ursinus—Attempted, 6; completed, 2; grounded, 3; intercepted by opponents, 1. Touchdowns—Ursinus, Faye, Gottschalk. Haverford, Wilbur. Field goals—Ursinus, Eckert.

Score by periods:

Ursinus	0	3	6	7—16
Haverford	0	6	0	0—6

Haverford, 0; Johns Hopkins, 9

October 27, 1923

Haverford

Johns Hopkins

Rhoads	l. e.	Berndt
Sumwalt	l. t.	Magill
Albert	l. g.	Wolbert
M. Miller	c.	Day
Hollingshead	r. g.	Barton
W. Miller	r. t.	Carter
Montgomery	r. e.	Rich
P. Garrett	q. b.	Taylor
Nolan	l. h. b.	Turnbull
Lamberti	r. h. b.	Yeoman
Wilbur (Capt.)	f. b.	Maxwell

Officials: Referee — Farrier, Dartmouth. Umpire — Clinton, Yale. Head linesman—Sigman, Lafayette. Substitutes—Haverford: Arnold for Garrett, Sassaman for Montgomery, Lowry for Nolan, Heilman for Lamberti, Billo for Lowry, Garrett for Arnold, Montgomery for Sassaman, Nolan for Billo, Lamberti for Heilman, Busselle for W. Miller, Arnold for Garrett, Sassaman for Montgomery, Billo for Nolan, Heilman for Lamberti. Johns Hopkins: Slowik for Carter, Shaff for Berndt, Carr for Day, Bonner for Yeoman, Yeoman for Bonner, Bonner for Yeoman, Cook for Maxwell, Carr for Day, Day for Carr. First downs—Haverford, 3, 3-6; Hopkins, 5, 5-10. Forward passes—Haverford: Attempted, 13; completed, 5; intercepted, 3; incompletd, 5. Hopkins: Attempted, 18; completed, 6; intercepted, 2; incompletd, 10. Touchdowns—Hopkins, Taylor. Field goals—Hopkins, Turnbull.

Score by periods:

Haverford	0	0	0	0—0
Hopkins	0	0	0	9—9

Haverford, 6; Delaware, 16

November 3, 1923

Haverford		Delaware
Rhoads	l. e.	Magaw
Hollingshead	l. t.	Kramer
Albert	l. g.	Akin
M. Miller	c.	(Capt.) Donaldson
Sumwalt	r. g.	Hubert
W. Miller	r. t.	Taubert
Montgomery	r. e.	Lehman
Garrett	q. b.	Garvine
Nolan	l. h. b.	Elliott
Lamberti	r. h. b.	Weggenman
Wilbur (Capt.)	f. b.	Williams

Officials: Referee—O'Brien, Central High. Umpire—White, Bates. Head linesman—Shalet. Substitutes—Haverford: Heilman for Nolan, Lowry for Lamberti, Kumm for Wilbur, Arnold for Garrett, Lamberti for Lowry, Wilbur for Kumm, Garrett for Arnold, Nolan for Heilman, Arnold for Garrett, Billo for Lamberti, Comfort for Hollingshead, Harvey for M. Miller, Tatnall for Albert, Sassaman for Montgomery. Delaware: Nunn for Akin, Collison for Hubert, Carlon for Garvine, Barkley for Lehman, Lehman for Donaldson. First downs—First half; Haverford, 2; Delaware, 2. Second half: Haverford, 11; Delaware, 4. Total: Haverford, 13; Delaware, 6. Forward passes—Haverford: Attempted, 15; completed, 4; intercepted by opponents, 2; grounded, 9. Delaware: Attempted, 9; intercepted by opponents, 1; grounded, 5. Scoring—Touchdowns: Delaware, Taubert, Lehman, Williams. Goals after touchdown—Delaware, Elliott. Haverford touchdown—Wilbur.

Score by periods:

Haverford	0	0	0	6—6
Delaware	12	0	7	0—19

Haverford, 13; Albright, 0

November 10, 1923

Haverford		Albright
Rhoads	l. e.	Griggs
Hollingshead	l. t.	(Capt.) Crumbling
Albert	l. g.	Forney
M. Miller	c.	Fisher
Sumwalt	r. g.	Snyder
W. Miller	r. t.	Sheely
Montgomery	r. e.	Jones
Garrett	q. b.	Gasull
Heilman	l. h. b.	Laimbauch
Lamberti	r. h. b.	Kengle
Wilbur (Capt.)	f. b.	Everett

Substitutes—Haverford: Sassaman for Montgomery, Billo for Lamberti, Nolan for Heilman, Kumm for Wilbur, Lamberti for Billo, Heilman for Nolan, Wilbur for Kumm, Nolan for Heilman, Arnold for Garrett, Billo for Lamberti, Nock for Nolan. Albright: Hollenbach for Kengle, Crumbling for Fisher, Everett for Crumbling, Dixon for Everett, Dodd for Griggs, Mahanie for Forney, Kengle for Hollenbach, Fisher for Crumbling, Crumbling for Everett, Everett for Dixon, Griggs for Dodd, Farney for Mahanie, Longo for Farney, Gramley for Snyder, Mahanie for Fisher, Schoenley for Crumbling, Fisher for Everett. Scoring—Touchdowns: Haverford, Heilman, 2. Goal after touchdown: Haverford, Wilbur.

Haverford, 13; Washington, 7

November 17, 1923

Haverford		Washington
Rhoads	l. e.	Rieder
Hollingshead	l. t.	(Capt.) Duffy
Albert	l. g.	MacGran
M. Miller	c.	Kelly
Sumwalt	r. g.	Keenan
W. Miller	r. t.	Florey
Montgomery	r. e.	Caroll
Garrett	q. b.	Carrington
Heilman	l. h. b.	Armstrong
Billo	r. h. b.	Negri
Wilbur (Capt.)	f. b.	Crowe

Officials: Referee—O'Brien, Central High, Philadelphia. Umpire—Hunt. Head linesman—Green. Substitutions—Haverford: Sassaman for Montgomery, Arnold for Garrett, Nolan for Heilman, Lowry for Billo, Perring for Rhoads, Heilman for Nolan, Montgomery for Sassaman, Nolan for Heilman, Rhoads for Perring, Foulke for Nolan, Nock for Foulke, Tatnall for Albert. Washington: Cavanaugh for Carrington, Atkins for McGraw, Galvin for Armstrong, McGraw for Atkins, Carrington for Cavanaugh, Lohron for Galvin. First downs—Haverford, first half, 4; second half, 6. Washington, first half, 1; second half, 2. Total: Haverford, 10; Washington, 3. Forward passes—Haverford: Completed, 6; intercepted, 3; grounded, 9. Washington: Completed, 2; intercepted, 1; grounded, 5. Scoring—Touchdowns: Haverford, Wilbur (2); Washington, Caroll. Goals after touchdown—Haverford, Wilbur; Washington, Cavanaugh.

Score by periods:

Haverford	0	0	7	6—13
Washington	0	7	0	0—7

Haverford, 0; Swarthmore, 17

November 24, 1923

Haverford		Swarthmore
Rhoads	l. e.	Limberger
Hollingshead	l. t.	Koehline
Albert	l. g.	Goman
M. Miller	c.	Richards
Sumwalt	r. g.	Knauer
W. Miller	r. t.	(Capt.) L. Wilcox
Montgomery	r. e.	Korn
Arnold	q. b.	Dotterer
Heilman	l. h. b.	Evans
Lamberti	r. h. b.	Sheller
Wilbur (Capt.)	f. b.	N. Wilcox

Officials: Referee—Merritt, Yale. Umpire—Fultz, Brown. Head linesman—Moffatt, Penn State. Field judge—Williams, U. of P. Substitutions—Haverford: Sassaman for Montgomery, Foulke for Heilman, Nock for Foulke, Cauffiel for Hollingshead, Perring for Rhoads, Rhoads for Perring, Heilman for Nock, Hollingshead for Cauffiel, Cauffiel for Hollingshead, Nolan for Heilman. Swarthmore: Guttormson for Limberger, Miller for Sheller, Hayes for Dotterer, Ogden for Knauer, Seymour for Korn, Dotterer for Hayes, Knauer for Ogden, Korn for Seymour, Sheller for Miller, Long for Goman, Limberger for Guttormson, Shoemaker for Koehline, Ogden for Long, Seymour for Shoemaker, Hayes for Sheller, Howard for Richards, Williamson for Seymour, Russell for Korn. Scoring—Touchdowns: Swarthmore, Evans, Korn. Field goal—Swarthmore, Dotterer. Try for point—Swarthmore, Dotterer, 2.

Score by periods:

Haverford	0	0	0	0—0
Swarthmore	3	7	0	7—17

Soccer Department

Manager

CHARLES H. FRAZIER, '24

Assistant Manager

HORACE R. HEILMAN, '25

Coach

JAMES McPEET

Captain

R. LONGSTRETH, '24

Wearers of Soccer "H"

R. LONGSTRETH, '24	J. C. STARBUCK, '25
J. M. FISHER, '24	S. E. WILLEY, '25
P. G. RHOADS, '24	D. G. BAKER, '26
R. M. THOMAS, <i>Captain-elect</i>	J. H. MARSHALL, '26
T. C. GARRETT, '25	R. H. RICHIE, '26
E. S. WOOD, '26	

Wearers of Soccer Numerals

W. D. ROGERS, '25	H. R. HEILMAN, '25
H. BORTON, '26	

1923-24 Intercollegiate Schedule with Scores

Haverford	1	Princeton	2
Haverford	1	Cornell	0
Haverford	1	Yale	4
Haverford	3	Harvard	1
Haverford	0	Pennsylvania	1
—		—	
6		8	

Pennsylvania won the 1923-24 championship by winning every game. Haverford finished in fourth place.



Haverford College Soccer Team, 1923-24

Other Scores

Haverford	2	Autocar	1
Haverford	4	Merion C. C.	0
Haverford	0	New York Shipbuilding Co.,	0
Haverford	3	Englewood F. C.	0
Haverford	2	Army	1
Haverford	2	N. Y. U.	0
Haverford	5	Crescent A. C.	0
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18		2	

Second Team Scores

Haverford	0	Frankford High	2
Haverford	2	West Philadelphia High	1
Haverford	0	Lehigh	4
Haverford	1	Girard College	4
Haverford	0	Swarthmore	4
Haverford	0	Upper Darby High	3
Haverford	0	Germantown High	1
Haverford	1	Penn 2nd	7
Haverford	0	Lafayette	3
<hr/>		<hr/>	
4		29	

Haverford College Soccer Team, 1923-24

MARSHALL	goal
GARRETT	left fullback
FISHER	right fullback
LONGSTRETH (<i>Captain</i>)	left halfback
WOOD	center halfback
THOMAS (<i>Captain-elect</i>)	right halfback
WILLEY	outside left
BAKER	inside left
RHOADS	center forward
STARBUCK	inside right
RICHIE	outside right

Intercollegiate League

November 3, 1923, at Princeton

Haverford, 1; Princeton, 2

Haverford		Princeton
Marshall	g.	Thomas
Garrett	l. f. b.	Fisher
Fisher	r. f. b.	Woolston
Longstreth (Capt.)	l. h. b.	Davis
Wood	r. h. b.	(Capt.) Smart
Thomas	c. h. b.	Lloyd
Wiley	o. l.	Pitrachart
Baker	i. l.	Handy
Rogers	c. f.	Simonds
Starbuck	i. r.	Cooper
Richie	o. r.	Oliver

Goals—For Haverford, Rogers; for Princeton, Handy, Simonds. Time of halves—45 minutes. Referee—Carr. Linesmen—Evans and Bispy.

Haverford, 1; Cornell, 0

November 17, 1923, at Haverford

Haverford		Cornell
Marshall	g.	Stone
Garrett	l. f. b.	Mendelowith
Fisher	r. f. b.	Wright
Longstreth (Capt.)	l. h. b.	Montgomery
Wood	c. h. b.	Ayan
Thomas	r. h. b.	Hulbick
Wiley	o. l.	Thompson
Baker	i. l.	Chestnut
Borton	c. f.	Meyer
Starbuck	i. r.	Bammau
Richie	o. r.	Cook

Goals—For Haverford, Wiley. Substitutions—For Haverford, Rogers for Borton, Heilman for Thomas. Linesmen—Blanfin and McKinley. Referee—Kendall. Time of halves—45 minutes

Haverford, 1; Yale, 4

November 29, 1923, at Yale

Haverford

Yale

Marshall	g.	Douglas
Garrett	l. f. b.	Barnes
Fisher	r. f. b.	Henderson
Longstreth	l. h. b.	Hand
Wood	c. h. b.	Fisher
Thomas	r. h. b.	Gibbs
Wiley	o. l.	Lamberti
Baker	i. l.	Ferry
Rogers	c. f.	Creavy
Starbuck	i. r.	Wallace
Richie	o. r.	Gilman

Goals—For Yale: Creavy, 2; Ferry, Fisher. For Haverford: Richie. Substitutions—For Haverford: Heilman for Thomas, Thomas for Heilman, Rhoads for Baker. Referee—J. Connolly. Time of halves—45 minutes.

Haverford, 3; Harvard, 1

December 1, 1923, at Harvard

Haverford

Harvard

Marshall	g.	Fitton
Fisher	r. f. b.	Tarnowosky
Garrett	l. f. b.	(Capt.) Greenidge
Longstreth (Capt.)	l. h. b.	Drew
Wood	c. h. b.	Brooks
Thomas	r. h. b.	Pattison
Wiley	o. l.	Tuttle
Baker	i. l.	Dorman
Rogers	c. f.	Wright
Starbuck	i. r.	Lamont
Richie	o. r.	Eldridge

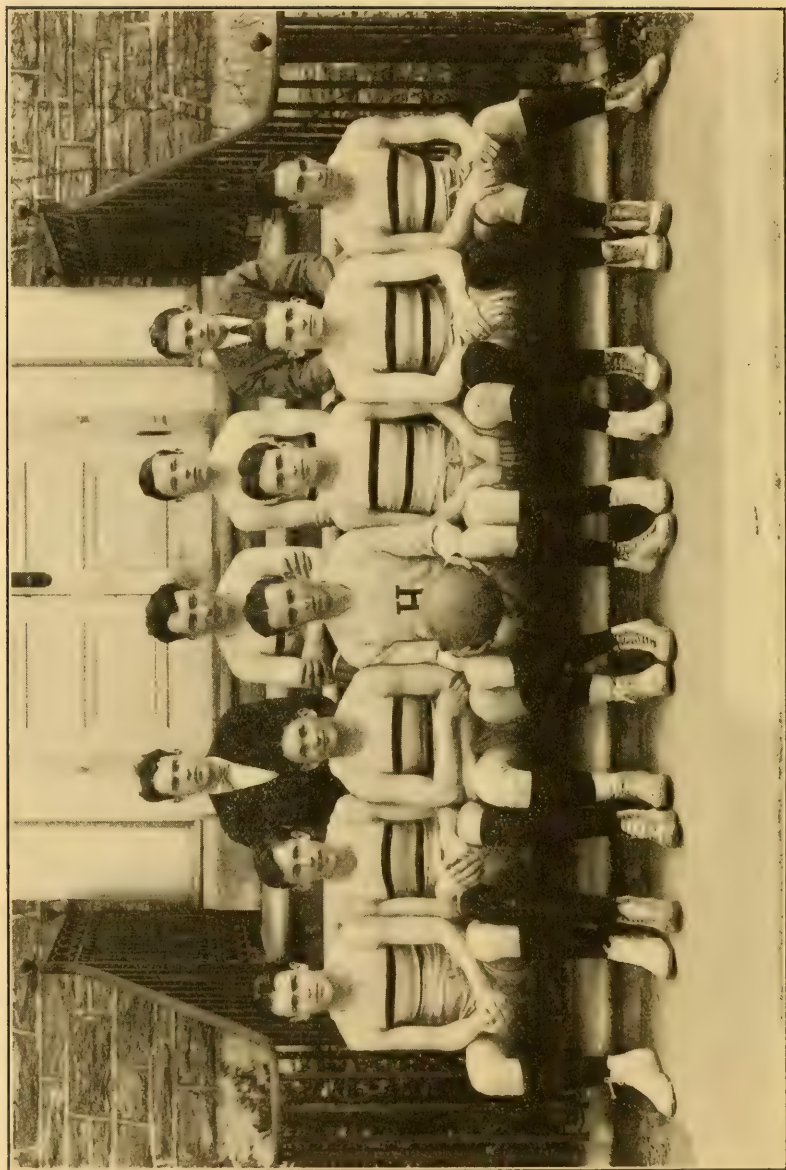
Goals—For Haverford: Richie, 2; Rhoads. For Harvard: Wright. Substitutions—For Haverford, Borton for Wiley, Rhoads for Rogers. Time of halves—45 minutes.

Haverford, 0; Pennsylvania, 1

December 8, 1923, on Franklin Field

Haverford		Pennsylvania
Marshall	g.	Anderson
Garrett	l. f. b.	(Capt.) Castle
Fisher	r. f. b.	Pancoast
Longstreth (Capt.)	l. h. b.	Hobson
Wood	c. h. b.	Downe
Thomas	r. h. b.	Schuler
Borton	o. l.	McLaughlin
Baker	i. l.	Boos
Rhoads	c. f.	Lingleback
Starbuck	i. r.	Atherton
Richie	o. r.	Stewart

Goals—For Penn, Atherton. Substitutions—For Haverford: Heilman for Wood, Rogers for Rhoads. Referee—Addison. Linesmen—Evans and Vollmer. Time of halves—45 minutes.



HAVERFORD COLLEGE BASKETBALL TEAM, 1923-24

Basketball Department

Captain

JERROLD C. ARNOLD, JR.

Manager

HOWARD COMFORT

Assistant Manager

ERIC G. BALL

Coaches

WALTER HUNTZINGER

JONATHAN MILLER

Members of Team

JERROLD C. ARNOLD, JR.....	Forward
OWEN B. RHOADS	Forward
CARL S. VOGEL	Forward and Guard
LEIGH CHADWICK	Center
THOMAS C. GARRETT	Guard
PHILIP C. GARRETT	Guard

Substitutes—Heilman, Maguire, Wood, Shank, Smith.

Letters Awarded

ARNOLD
GARRETT, P.
GARRETT, T.
CHADWICK

Numerals Awarded

RHOADS
SHANK
VOGEL

Schedule, 1924

Team	Where Played	Date
University of Pennsylvania....	Philadelphia	Dec. 12
Stevens Tech.....	Hoboken	Dec. 15
University of Delaware.....	Haverford	Jan. 5
Muhlenburg	Haverford	Jan. 12
Franklin and Marshall	Haverford	Jan. 19
St. Joseph's	Philadelphia	Feb. 7
Drexel Institute	Philadelphia	Feb. 9
Rutgers	New Brunswick	Feb. 13
Franklin and Marshall	Lancaster	Feb. 16
Ursinus	Collegeville	Feb. 19
Temple	Philadelphia	Feb. 23
Drexel Institute	Philadelphia	Feb. 27
Ursinus	Haverford	Mar. 1
Swarthmore	Haverford	Mar. 8

Haverford, 9; University of Pennsylvania, 29

Haverford	Pennsylvania
Arnold	forward
Rhoads	forward
Chadwick	center
Garrett, T.	guard
Garrett, P.	guard
	Dessen
	Kneass
	Block
	Leopold
	Romage

Field goals—Kneass, 4; Leopold, 3; Garrett, P., Dessen, 2; Arnold, 1. Foul goals—Dessen, 5 out of 6; Kneass, 2; Block, 1; Arnold, Leopold, 2 out of 3; Romage, 1 out of 2; Garrett, P., 1 out of 3. Substitutions—For Penn, McNichol, Drummond, Lewis.

Haverford, 22; Stevens Tech., 33

Haverford	Stevens
Garrett, P.	forward
Vogel	forward
Arnold	center
Garrett, T.	guard
Rhoads	guard
	Hobleman
	Rainer
	Ingebretsen
	Wolf
	Hanigan

Field goals—Arnold, Hobleman, 5; Hanigan, 3; Vogel, Ingebreetsen, Rainer, 2; Garrett, T., Garrett, P., Laverie, Martin, 1. Foul goals—Garrett, T., Rainer, 2 out of 3; Arnold, Vogel, Martin, 1 out of 2; Rhoads, Hanigan, Ingebreetsen, 1. Substitutions—For Haverford, Chadwick; for Stevens, Ludwig, Laverie, Pratt, Allen, Martin.

Haverford, 11; University of Delaware, 22

Haverford

Delaware

Arnold	forward	Williams
Vogel	forward	Gibson
Chadwick	center	McKelvie
Rhoads	guard	Garvine
Garrett, P.	guard	France

Field goals—Williams, 4; Arnold, 3; Gibson, 2; Heilman, Garvine, 1. Foul goals—Williams, 2 out of 4; Gibson, 2 out of 5; McKelvie, 1 out of 3; France, 2 out of 6; Vogel, Garvine, 1; Heilman, 1 out of 2; Arnold, 1 out of 5. Substitutions—For Haverford, Heilman, Maguire, Wood.

Haverford, 25; Muhlenberg, 31

Haverford

Muhlenberg

Arnold	forward	Clymer
Shank	forward ..	Schanz
Chadwick	center	Griggs
Garrett, T.	guard	Dorang
Garrett, P.	guard	Lewis

Field goals—Clymer, 4; Arnold, Schanz, Griggs, 3; Garrett, T., Chadwick, Lewis, 2; Shank, Dorang, 1. Foul goals—Griggs, 4 out of 6; Garrett, P., 4 out of 8; Shank, Garrett T. 2; Schanz, 1. Substitutions—For Haverford Chadwick; for Muhlenberg, Slums.

Haverford, 10; Franklin and Marshall, 31

Haverford		Franklin and Marshall
Arnold	forward	Yohn
Shank	forward	Glass
Chadwick	center	Jamison
Garrett, T.	guard	Garrigues
Garrett, P.	guard	Gerber

Field goals—Yohn, Glass, 4; Garrigues, 3; Arnold, Gerber, 2; Garrett, T., 1. Foul goals—Glass, 3 out of 4; Garrett, P., 2 out of 4; Yohn, 2 out of 6; Garrett, T., 1 out of 3; Chadwick, 1. Substitutions—For Haverford, Wood, Rhoads, Maguire, Smith; for F. and M. Cragin.

Haverford, 0; St. Joseph's, 32

Haverford		St. Joseph's
Arnold	forward	Oakes
Shank	forward	Sheehan
Chadwick	center	Crean
Heilman	guard	Mallie
Garrett, P.	guard	Donohue

Field goals—Sheehan, 6; Crean, Mallie, 2; Oakes, 1. Foul goals—Sheehan, 5 out of 10; Oakes, 3 out of 6; Donohue, 1; Mallie, 1 out of 4. Substitutions—For Haverford, Wood, Vogel, Maguire; for St. Joseph's, Brown.

Haverford, 19; Drexel, 29

Haverford		Drexel
Arnold	forward	Dugan
Rhoads	forward	O'Neil
Chadwick	center	Foley
Garrett, T.	guard	Connell
Garrett, P.	guard	Jones

Field goals—Connell, 6; Arnold, 3; O'Neil, 2; Rhoads, Chadwick, Garrett, T., Garrett, P., Foley, Jones, 1. Foul goals—Connell, 3 out of 5; Foley, 2 out of 4; O'Neil, 2 out of 6; Garrett, P., Maguire, Wood, Jones, 1; Dugan, 1 out of 2; Garrett, T., 1 out of 4; Arnold, 1 out of 5. Substitutions—For Haverford, Maguire, Shank, Wood.

Haverford, 24; Rutgers, 40**Haverford****Rutgers**

Arnold	forward	Manck
Rhoads	forward	Calhoun
Chadwick	center	Darwent
Vogel	guard	Rauh
Garrett, T.	guard	Ernander

Field goals—Ernander, 5; Arnold, Darwent, 3; Manck, 2; Chadwick, Vogel, Calhoun, Mohn, Hazel, Osgood, Karkas, Benkert, 1. Foul goals—Arnold, Vogel, Darwent, 4 out of 6; Rhoads, 3 out of 6; Garrett, 2; Chadwick, Osgood, 1; Manck, Ernander, 1 out of 3; Karkas, 1 out of 2. Substitutions—For Rutgers, Osgood, Karkas, Benkert, Mohn, Hazel, Mulcahy.

Haverford, 26; Franklin and Marshall, 38**Haverford****Franklin and Marshall**

Arnold	forward	Yohn
Rhoads	forward	Glass
Chadwick	center	Garrigues
Garrett, T.	guard	Cragin
Vogel	guard	Gerber

Field goals—Garrigues, Gerber, 4; Arnold, Yohn, 3; Garrett, T., Glass, Cragin, 2; Rhoads, Chadwick, Vogel, Poutz, 1. Foul goals—Arnold, 4 out of 5; Cragin, 4 out of 7; Gerber, 3 out of 4; Garrett, 3 out of 5; Vogel, 2 out of 4; Yohn, 1; Rhoads, 1 out of 3. Substitutions—For Haverford, Smith; for F. and M., Strober, Schnible, Mantz, Poutz.

Haverford, 8; Ursinus, 29**Haverford****Ursinus**

Arnold	forward	Kern
Rhoads	forward	Sterner
Chadwick	center	Sommers
Vogel	guard	Gotshalk
Garrett, T.	guard	Heighes

Field goals—Kern, 5; Sommers, Gotshalk, Heighes, 2; Chadwick, Garrett, T., Evans, 1. Foul goals—Kern, 2 out of 3; Heighes, 2 out of 4; Maguire, 2 out of 6; Arnold, Garrett, T., Evans, 1. Substitutions—For Haverford, Wood, Maguire, Garrett, P., Smith; for Ursinus, Evans, Sellers, Roem, Erb, Moyer.

Haverford, 21; Temple, 25

Haverford		Temple
Arnold	forward	Courtney
Rhoads	forward	Hackman
Chadwick	center	Reese
Garrett, T.	guard	Chapman
Vogel	guard	Shair

Field goals—Chadwick, Reese, 3; Arnold, Garrett, T. Hackman, 2; Vogel, Courtney, Shair, Lieberman, 1. Foul goals—Garrett, T., Chapman, 2; Courtney, Hackman, Reese, 2 out of 4; Arnold, Chadwick, Lieberman, 1 out of 2; Vogel, 1 out of 4. Substitutions—For Haverford, Garrett, P.; for Temple, Lieberman.

Haverford, 15; Drexel, 27

Haverford		Drexel
Arnold	forward	Dugan
Rhoads	forward	O'Neil
Chadwick	center	Foley
Garrett, T.	guard	Jones
Garrett, P.	guard	Connell

Field goals—Jones, Shipp, 4; Garrett, T., 3; Arnold, 2; Garrett, P., Foley, Dugan, 1. Foul goals—Dugan, Connell, 2 out of 4; O'Neil, 2 out of 5; Chadwick, 1; Arnold, Shipp, 1 out of 2; Garrett, T., 1 out of 3. Substitutions—For Haverford, Shank, Wood, Smith; for Drexel, Proctor, Shipp, Freeman, Roberts

Haverford, 28; Ursinus, 17

Haverford		Ursinus
Arnold	forward	Wisner
Rhoads	forward	Sterner
Chadwick	center	Derk
Garrett, T.	guard	Gotshalk
Garrett, P.	guard	Heighes

Field goals—Arnold, Chadwick, 3; Sommers, 2; Garrett, T., Garrett, P., Vogel, Wisner, Sterner, Gotshalk, 1. Foul goals—Chadwick, 6 out of 7; Wisner, 4 out of 8; Garrett, T., 2 out of 5; Gotshalk, 1; Arnold, 1 out of 2; Heighes, Sommers, 1 out of 3; Garrett, P., 1 out of 8. Substitutions—For Haverford, Vogel, Wood, Heilman; for Ursinus, Kern, Sommers, Roem.

Haverford, 23; Swarthmore, 24

Haverford	Swarthmore
Arnold	forward Grove
Heilman	forward Bartlett
Chadwick	center Swope
Garrett, T.	guard Keare
Garrett, P.	guard Shane

Field goals—Bartlett, 4; Arnold, 3; Heilman, Garrett, P., Shane, 2; Chadwick, Grove, Keare, 1. Foul goals—Garrett, T., 4 out of 6; Bartlett, 3; Keare, 2 out of 4; Grove, Shane, 1; Swope, 1 out of 2; Vogel, 1 out of 3; Heilman, Garrett, P., 1 out of 4. Substitutions—For Haverford, Vogel; for Swarthmore, Reinhardsen, Heath, Wood.

Track Department

Manager

H. J. HOGENAUER, '24

Assistant Manager

R. C. BATES, '25

Captain

W. D. ROGERS, '25

Coach

A. W. HADDLETON

Letters Awarded

W. D. ROGERS, '25

C. H. FRAZIER, '24

F. C. HARING, '24

C. F. NASH, '24

D. E. WILBUR, '24

C. M. BEIDEMAN, '24

L. E. CHADWICK, '25

C. H. JOHNSON, '25

H. MONTGOMERY, '25

R. M. THOMAS, '25

J. R. WATSON, '25

B. H. LOWRY, '26

P. L. SASSAMAN, '26

S. HOSKINS, '27

W. MILLER, '27

Numerals Awarded

E. H. KINGSBURY, '26

O. C. PITTER, '26

K. H. G. G. KUMM, '25

R. L. HAINES, '26

V. A. LAMBERTI, '26

C. R. TATNALL, '26

S. B. HASTINGS, '24

O. B. RHOADS, '25

F. J. NOCK, '26

R. H. RICHIE, '26

D. C. LEWIS, JR., '26

Records Broken

Javelin—172 feet $8\frac{5}{8}$ inches, Hugh Montgomery, '25

Discus—124 feet $7\frac{1}{4}$ inches, R. M. Thomas, '25

Pole Vault—11 feet $2\frac{1}{2}$ inches, L. E. Chadwick, '25

Track Schedule

November 3, 1923. Cross-Country Meet with Delaware, at Haverford.

April 19. Dickinson at Haverford.

April 25-26. Penn Relays.

May 3. Interclass Meet.

May 8. Delaware at Newark, Delaware.

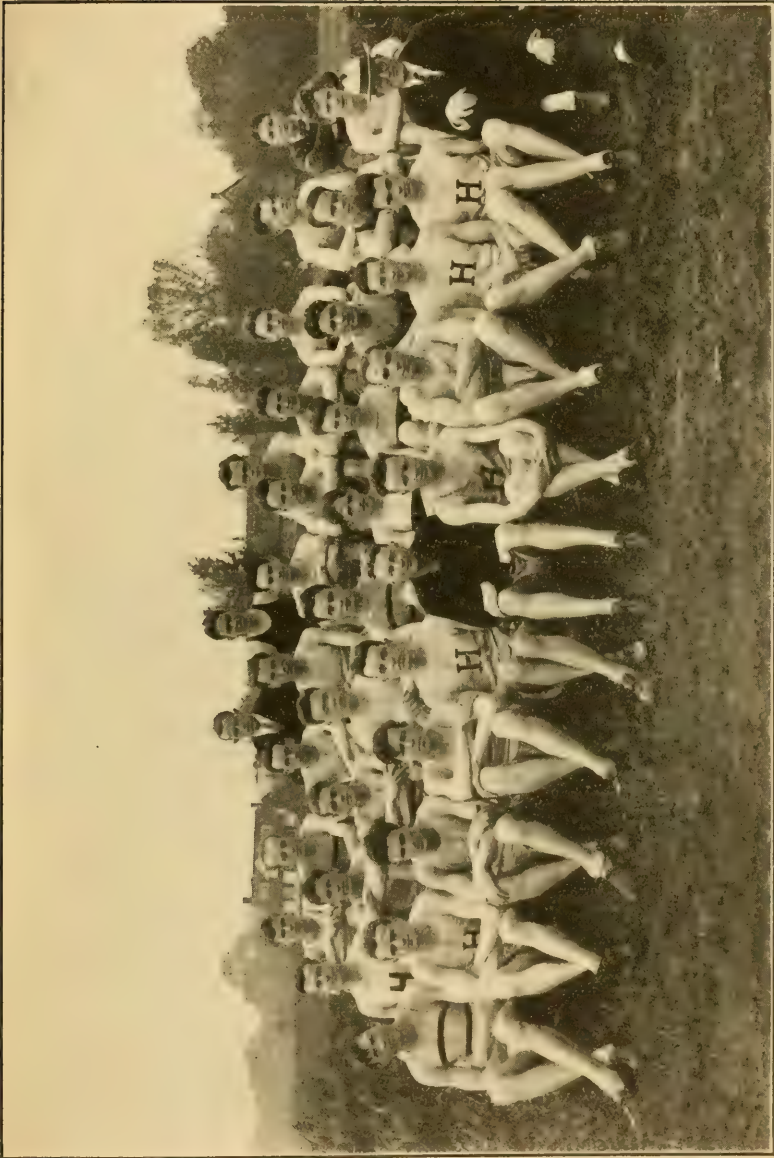
May 10. Muhlenberg at Haverford.

May 16. Handicap Meet.

May 23-24. Middle Atlantic States Collegiate A. A. Meet at University of Delaware, Newark, Delaware.

May 27. Swarthmore.

May 30-31. I. C. A. A. A. A. Championship at Harvard.



HAVERFORD COLLEGE TRACK TEAM, 1923-24

Haverford College Relay Team

W. D. ROGERS, '25

O. B. RHOADS, '25

B. H. LOWRY, '26

C. H. JOHNSON, '25

Haverford, 18; Delaware, 43**(Cross-Country—Lowest Score Wins)****November 3, 1923**

Won by Frazier (H); second, Hastings (H); third, Walton (H); fourth, Hoey (D); fifth, Cocks (H); sixth, a Delaware man; seventh, Johnson (H); eighth, tie between Ball (H) and Joly (H); the five remaining runners, all Delaware men, took the other places.

Course, 3 7/10 miles. Time, 21 minutes, 32 seconds.

Haverford, 67; Dickinson, 59**April 19, 1924**

100-YARD DASH—First, Norris (D); second, Schukert (D); third, Nock (H). Time, 10 2-5 sec.

ONE-MILE RUN—First, Bayley (D); second, Sassaman (H); third, Haines (H). Time, 4 min. 53 sec.

440-YARD DASH—First, Norris (D); second, Merkle (D); third, Rhoads (H). Time, 57 2-5 sec.

120-YARD HIGH HURDLES—First, Lowry (H); second, Templin (D); third, Haring (H). Time, 16 4-5 sec.

TWO-MILE RUN—First, Workman (D); second, Frazier (H); third, Walton (H). Time, 11 min. 1 4-5 sec.

220-YARD LOW HURDLES—First heat won by Templin (D); second, Lowry (H). Time, 28 sec. Second heat won by Rogers (H); second, Evans (D). Time, 28 4-5 sec.

220-YARD LOW HURDLES, FINALS—First, Rogers (H); second, Templin (D); third, Lowry (H). Time, 28 sec.

220-YARD DASH—First, Rogers (H); second, Schmidt (D); third, Schukert (D). Time, 25 sec.

HALF-MILE RUN—First, Nickels (D); second, Johnson (H); third, Kingsbury (H). Time, 2 min. 9 3/4 sec.

SHOT PUT—First, Templin (D); second, Wilbur (H); third, Watson (H). Distance, 36 ft. 1 in.

JAVELIN THROW—First, Montgomery (H); second, Carpenter (D); third, Lamberti (H). Distance, 165 ft. 9 in.

DISCUS THROW—First, Thomas (H); second, Wallace (D); third, Harter (D). Distance, 121 ft. $\frac{1}{2}$ in.

POLE VAULT—First, Hoskins (H); second, tie between Chadwick (H) and Kenworthy (D). Height, 11 ft.

RUNNING HIGH JUMP—Tie for first between Tatnall (H) and Nash (H); third, Carpenter (D). Height, 5 ft. 6 in.

RUNNING BROAD JUMP—First, Rogers (H); second, Carpenter (D); third, Pitter (H). Distance, 18 ft. $10\frac{1}{2}$ in.

Penn Relays

April 25 and 26, 1924

The Relay Team did not place.

Montgomery, '25, was fifth in the Javelin Throw, breaking the Haverford College Javelin Record by a throw of 172 ft. $8\frac{3}{4}$ in.

Interclass Meet

May 3, 1924

Juniors, 64; Sophomores, 37; Seniors, 16; Freshman, 0.

Haverford, $95\frac{1}{2}$; Delaware, $30\frac{1}{2}$

May 8, 1924

100-YARD DASH—First, Rogers (H); second, Nock (H); third, Elliott (D). Time, 10 2-5 sec.

220-YARD DASH—First, Kumm (H); second, Evans (D); third, Nock (H). Time, 23 2-5 sec.

440-YARD DASH—First, Miller (H); second, Rhoads (H); third, Evans (D). Time, 54 4-5 sec.

HALF-MILE RUN—First, Johnson (H); second, Ball (H); third, Christfield (D). Time, 2 min. 11 2-5 sec.

ONE-MILE RUN—First, Sassaman (H); second, Christfield (D); third, Haines (H). Time, 4 min. 56 sec.

TWO-MILE RUN—First, Frazier (H); second, Skewis (D); third, Hastings (H). Time, 10 min. 47 sec.

120-YARD HIGH HURDLES—First, Lowry (H); second, France (D); third, Haring (H). Time, 16 2-5 seconds.

- 220-YARD LOW HURDLES—First, Lowry (H); second, Rogers (H); third, France (D). Time, 27 sec.
- SHOT PUT—First, Watson (H); second, Wilbur (H); third, Elliott (D). Distance, 36 ft. 7 in.
- JAVELIN THROW—First, Montgomery (H); second, McKelvey (D); third, Lamberti (H). Distance, 152 ft. 7 in.
- POLE VAULT—First, Hoskins (H); second, Lohman (D); third, Chadwick (H). Height, 10 ft. 9 in.
- RUNNING HIGH JUMP—First, Nash (H); second, Baxter (D); third, tie between Burns (H) and France (D). Height, 5 ft. 6 in.
- DISCUS THROW—First, Thomas (H); second, McKelvey (D); third, Watson (H). Distance, 124 ft. 7¼ in. (new record)
- RUNNING BROAD JUMP—First, Rogers (H); second, Beideman (H); third, Elliott (D). Distance, 19 ft.

Haverford, 95; Muhlenberg, 31

May 10, 1924

- 100-YARD DASH—First, Steinhauer (M); second, Richie (H); third, Snyder (M). Time, 10 2-5 sec.
- 220-YARD DASH—First, Steinhauer (M); second, Kumm (H); third, Richie (H). Time, 23 1-5 sec.
- 440-YARD DASH—First, Robinson (M); second, Miller (H); third, Rhoads (H). Time, 51 2-5 sec.
- HALF-MILE RUN—First, Robinson (M); second, Johnson (H); third, Sassaman (H). Time, 2 min. 6 sec.
- ONE-MILE RUN—First, Kingsbury (H); second, Haines (H); third, Sassaman (H). Time, 4 min. 50 2-5 sec.
- TWO-MILE RUN—First, Hastings (H); second, Henry (M); third, Walton (H). Time, 10 min. 46 4-5 sec.
- 120-YARD HIGH HURDLES—First, Haring (H); second, Roedelheim (H); third, Lowry (H). Time, 17 1-5 sec.
- 220-YARD LOW HURDLES—First, Snyder (M); second, Lowry (H); third, Eshleman (H). Time, 27 2-5 sec.
- SHOT PUT—First, Wilbur (H); second, Watson (H); third, Lamberti (H). Distance, 36 ft. 9½ in.
- JAVELIN THROW—First, Montgomery (H); second, Lamberti (H); third, Greene (H). Distance, 170 ft. 5 in.
- POLE VAULT—First, Chadwick (H); second, Tatnall (H); third, Hoskins (H). Height, 10 ft. 6 in.

DISCUS—First, Thomas (H); second, Watson (H); third, Montgomery (H). Distance, 123 ft. $\frac{1}{2}$ in.

HIGH JUMP—First, tie between Nash (H) and Lewis (H); third, Griggs (M). Height, 5 ft. 5 in.

BROAD JUMP—First, Pitter (H); second, Rogers (H); third, Snyder (M). Distance, 20 ft. $5\frac{3}{4}$ in.

Haverford, 70; Swarthmore, 54

May 27, 1924

SHOT-PUT—First, Wilbur (H); second, Watson (H); third, Wilcox (S). Distance, 37 ft. 6 in.

HIGH JUMP—First, Blair (S); second, Nash (H); third, tie between Tatnall (H) and Lewis (H). Height, 5 ft. 6 in.

100-YARD DASH—First, Rogers (H); second, Nuckols (S); third, Rumble (S). Time, 10 7-10 sec.

ONE-MILE RUN—First, Lewis (S); second, Kingsbury (H); third, Haines (H). Time, 4 min. 48 2-5 sec.

120-YARD HIGH HURDLES—First, Lowry (H); second, Haring (H). Time, 17 sec.

JAVELIN THROW—First, Guttormsen (S); second, Montgomery (H); third, Lamberti (H). Distance, 148 ft. $9\frac{5}{8}$ in.

440-YARD DASH—First, Rumble (S); second, Nuckols (S); third, Taylor (S). Time, 53 sec.

TWO-MILE RUN—First, Lewis (S); second, Frazier (H); third, Hastings (H). Time, 10 min. 54 4-5 sec.

POLE VAULT—First, tie between Chadwick (H) and Hoskins (H); third, Plowman (S). Height, 10 ft.

DISCUS THROW—First, Wilcox (S); second, Thomas (H); third, Watson (H). Distance, 120 ft. $1\frac{1}{4}$ in. (New Swarthmore College record.)

BROAD JUMP—First, Rogers (H); second, Pitter (H); third, Beideman (H). Distance, 20 ft. $2\frac{3}{8}$ in.

220-YARD LOW HURDLES—First, Lowry (H); second, Rogers (H). Time, 28 sec.

220-YARD DASH—First, Rumble (S); second, Nuckols (S); third, Richie (H). Time, 23 4-5 sec.

880-YARD RUN—First, Hemmerly (S); second, Miller (H); third, Perdew (S). Time, 2 min. 43-5 sec.

Individual Point Totals

W. D. Rogers..48	W. Miller .....11	F. J. Nock..... 5
B. H. Lowry...39	F. C. Haring...10	R. H. Richie... 5
L. E. Chadwick 27	P. L. Sassaman.10	D. C. Lewis, Jr. 4½
R. M. Thomas.27	E. H. Kings-	C. M. Beideman 4
S. Hoskins ....21	bury 9	E. G. Ball..... 3
H. Montgomery 19	O. C. Pitter.... 9	F. Roedelheim. 3
J. R. Watson..17	K. Kumm 8	W. W. Walton. 2
C. E. Nash....16	C. R. Tatnall.. 7½	M. Eshleman .. 1
D. E. Wilbur..16	S. B. Hastings. 7	C. H. Greene... 1
C. H. Frazier,	V. A. Lamberti 7	R. S. Burns... ½
Jr. ....11	R. L. Haines... 6	
C. H. Johnson.11	O. B. Rhoads.. 5	

Walton Prize Cup, 1924

Won by W. D. Rogers, '25, with a total of 63 points, including the 15 points made in the Interclass Meet, which counts toward the cup.

The Walton Prize Cup

Presented by Mr. Ernest F. Walton, of the Class of 1890, for the encouragement of individual athletic work, and to be awarded annually to the student who wins the highest total of points in athletic competition during the college year, and subject to the following conditions:

1. The athletic events accepted shall be those of the annual interclass athletic meeting, the sophomore-freshman athletic sports, the Pennsylvania relay carnival, the annual Princeton handicap games, and the I. C. A. A. A. A. meeting. Additional events may be accepted at the discretion of the committee of award. (Dual college meets now included.)

2. See Art. VI, Sec. 4, of A. A. Constitution for revised value of points.

3. The athletic sub-committee of the general advisory athletic committee of the alumni and students shall constitute the committee of award.

4. The winner of the Cup shall hold the same for one year and his name with total points won shall be inscribed upon it.

5. The Cup shall be returned to the athletic director immediately after the Intercollegiate Meeting (I. C. A. A. A.), and shall be re-awarded within the two weeks following the same meeting.

6. The conditions above outlined may be modified at the unanimous wish of the joint student and alumni committee, with the consent of the donor.

Holders of the Walton Prize Cup

<i>Year</i>	<i>Name</i>	<i>Class</i>	<i>Aver.</i>
1901—	J. W. REEDER	'02	23
1902—	J. W. REEDER	'02	53½
1903—	T. K. BROWN, JR.	'06	42
1904—	T. K. BROWN, JR.	'06	45
1905—	T. K. BROWN, JR.	'06	58½
1906—	T. K. BROWN, JR.	'06	77
1907—	WALTER PALMER	'10	62
1908—	WALTER PALMER	'10	66
1909—	G. S. BARD	'09	55½
1910—	WALTER PALMER	'10	60
1911—	F. M. FROELICHER	'13	67½
1912—	F. M. FROELICHER	'13	66½
1913—	F. M. FROELICHER	'13	66½
1914—	E. M. JONES	'14	73
1915—	W. L. MARTWICK	'16	51
1916—	J. A. HISEY	'18	47½
1919—	J. A. HISEY	'19	68
1920—	FRANCIS SILVER	'20	24
1921—	J. A. HISEY	'21	30½
1922—	RUSSEL G. ALLEN, JR.	'23	60
1923—	RUSSEL G. ALLEN, JR.	'23	82
1924—	W. D. ROGERS	'25	63

College Athletic Records

<i>Event</i>	<i>Time or distance</i>	<i>Holder</i>	<i>Date</i>
100-Yard Dash....	10 sec.	E. M. Jones, '14	1914
220-Yard Dash ...	22 1/5 sec.	E. M. Jones, '14	1914

440-Yard Dash ...	50 1/5 sec.	W. Palmer, '10	.....	1910
Half-Mile Run ...	2 min. 3 4/5 sec. ..	E. C. Tatnall, '07	.....	1905
One-Mile Run ...	4 min. 35 sec.	P. J. Baker, '10	.....	1907
Two-Mile Run ...	10 min. 15 1/5 sec.	D. Clement, '17	.....	1916
High Hurdles	15 4/5 sec.	T. K. Brown, Jr., '06	.....	1905
Low Hurdles	25 1/5 sec.	W. L. Martwick, '16	.....	1915
Broad Jump	21 ft. 8 in.	F. M. Froelicher, '13	.....	1912
High Jump	6 ft. 1 in.	E. B. Conklin, '99	.....	1899
Shot Put	41 ft. 8½ in.	F. M. Froelicher, '13	.....	1912
Hammer Throw ..	123 ft. 6 in.	H. W. Jones, '05	.....	1905
Discus	124 ft. 7¼ in.	R. M. Thomas, '25	.....	1924
Pole Vault	11 ft. 2½ in.	L. E. Chadwick, '25	.....	1924
Javelin	172 ft. 8⅝ in.	Hugh Montgomery, '25	.....	1924

Freshman Track Summary

STEWART HOSKINS, *Captain*

JOHN HELLER, *Manager*

Indoor Contests

Feb. 28. Haverford, '27..	22	Haverford '26	.....	60
Mar. 11. Haverford, '27..	40	Lower Merion	.....	19
Mar. 15. Haverford, '27..	35	Haverford School	.....	33

Outdoor Contests

Apr. 16. Haverford, '27..	58⅓	Lansdowne	.....	48⅔
Apr. 21. Haverford, '27..	61	Upper Darby	.....	56
May 2. Haverford, '27..	44	Westtown	.....	37
May 12. Haverford, '27..	65	Penn Charter	.....	52
May 31. Haverford, '27..	51	George School	.....	57

Haverford, '27376⅓

Opponents362⅔

SUMMARY OF POINTS MADE BY 1926
TRACK SQUAD

Names	1926	Lower Merion*	Haverford School*	Lansdowne	Upper Darby	Westtown	Penn Charter	George School	Total
Bates.....		2							2
Cook, F.....		$\frac{1}{2}$		1	3	3	1		$8\frac{1}{2}$
Fay.....					1		3		4
Fowler.....		3			8	2	10	10	33
Halstead.....		$\frac{1}{2}$							$\frac{1}{2}$
Heller.....		$\frac{1}{2}$	3	4	4				$11\frac{1}{2}$
Hoskins (Captain).....	5	8	4	20	17	10	23	17	114
Miller.....		1		12	11	11	21	9	65
Nolan.....	6								6
Reninger.....							1		1
Rutherford.....		$\frac{1}{2}$	1	1	2			3	$7\frac{1}{2}$
Sargent.....				$1\frac{1}{3}$	1			2	$4\frac{1}{3}$
Saunders.....					1				1
Scarborough.....	1		1						2
Scott.....		2		5	2	2			11
Silver.....	7	11	15						33
Vogel.....						1			1
West.....		1	1	8	7	10	1	7	35
Winslow.....	3	5	5	6	4	5	5	3	36
Total.....	22	40	35	$58\frac{1}{3}$	61	44	65	51	$376\frac{1}{3}$
Opponents.....	60	19	33	$48\frac{2}{3}$	56	37	52	57	$362\frac{2}{3}$

* Relay team won 5 points.



HAVERFORD COLLEGE CRICKET TEAM, 1923-24

Cricket Department

Captain

H. COMFORT, '24

Manager

W. N. WEST, 3RD, '24

Assistant Manager

J. A. SILVER, '25

Coach

J. PACEY

Cricket Team

H. COMFORT, '24 (Captain)

J. F. BLAIR, '24

G. P. HARNWELL, '24

T. C. GARRETT, '25

E. L. GORDY, '25

J. A. SILVER, '25

W. P. STOKES, '25

D. G. BAKER, '26

P. C. GARRETT, '26

M. C. HAINES, '26

O. C. PITTER, '26

R. H. RICHIE, '26

Substitutes

F. F. MULLER, '25

F. COOK, '27

A. SILVER, '27

R. WINSLOW, '27

Cricket Schedule

Date		H.	Opp.
Apr. 26.	Merion C. C. (home)	124	51
May 3.	Centennial (home)	39	85
May 7.	University of Pennsylvania (home)	(Cancelled)	
May 10.	Germantown C. C. (Manheim)	(Cancelled)	
May 14.	University of Pennsylvania (home)	94	34
May 24.	Centennial (home).		
May 28.	Ardmore C. C. (home).		
May 30.	Ardmore C. C. (home).		
May 31.	Philadelphia C. C. (home).		
June 7.	Merion C. C. (Haverford).		
June 14.	Wanderers (home).		

Haverford, 124; Merion, 51**April 26, 1924****Haverford**

P. Garrett, b. Castle	3
J. Silver, c. Hart, b. Thomas	13
T. Garrett, b. Thorpe	0
H. Comfort, not out	67
R. Richie, not out	25
M. C. Haines, no bat	—
O. Pitter, no bat	—
R. Winslow, no bat	—
J. F. Blair, no bat	—
D. Baker, no bat	—
G. Harnwell, no bat	—
Extras	16
Total	124

Merion

A. L. Castle, b. Pitter	21
M. Crossman, b. Comfort	9
W. L. Hirst, b. Comfort	4
S. W. Mifflin, c. Blair, b. Comfort	6
Rev. J. R. Hart, c. Pitter, b. Comfort	0

E. H. Thorpe, b. Pitter	1
W. Marston, b. Pitter	0
L. B. H. Thomas, c. Blair, b. Comfort	3
J. L. Fritz, b. Pitter	0
J. Hoag, b. Silver	7
W. P. Stokes, not out	0
Extras	—
<hr/>	
Total	51

BOWLING ANALYSIS

	R.	W.	Ave.
Comfort	25	5	5.0
Pitter	20	4	5.0
Haines	5	0	—
Silver	1	1	1.0

Haverford, 122; Centennial C. C., 118

May 3, 1924

Haverford

FIRST INNING

P. Garrett, b. Brigham	16
E. Gordy, c. Hardcastle, b. Brigham	6
T. Garrett, b. Brigham	2
H. Comfort, b. Brigham	0
M. Haines, c. Hay, Jr., b. Otley	8
O. Pitter, b. Brigham	0
P. Ohl, b. Brigham	0
W. Stokes, b. Hill	0
R. Winslow, b. Brigham	3
D. Baker, not out	1
F. Muller, c. White, b. Otley	0
Extras	3
<hr/>	
Total	39

Centennial

N. White, b. Comfort	3
A. Hill, l. b. w. Pitter	0
F. Otley, b. Pitter	0
E. Briggs, b. Pitter	0
H. Ashworth, c. P. Garrett, b. Comfort	26
J. Brigham, not out	29
N. Hardcastle, b. Pitter	0
A. Hay, b. Pitter	20
N. Lees, b. Gordy	2
H. Hardcastle, l. b. w. Gordy	0
A. Hay, Jr., b. Pitter	1
Extras	4
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Total	85

BOWLING ANALYSIS

	R.	W.	Ave.
Comfort	47	2	23.5
Pitter	34	6	5.6
Gordy	2	2	1.0

SECOND INNING**Haverford**

P. Garrett, not out	44
E. Gordy, b. Otley	17
T. Garrett, not out	20
Extras	2
Others did not bat	—
<hr/>	
Total	83

Centennial

J. Brigham, not out	10
E. Briggs, not out	21
Extras	2
<hr/>	
Total	33

Haverford, 94; University of Pennsylvania, 34

May 14, 1924

Haverford

T. Garrett, c. Hale, b. Page	7
E. Gordy, b. Page	0
H. Comfort, retired	44
P. Garrett, c. Bissell, b. Buswell	5
J. Silver, not out	24
R. Richie, b. Page	7
M. Haines, l. b. w. Page	0
O. Pitter, not out	4
J. F. Blair, no bat	—
D. Baker, no bat	—
G. P. Harnwell, no bat	—
Extras	3
Total	94

Pennsylvania

Felix, b. Pitter	1
Buswell, b. Comfort	2
Page, b. Pitter	23
Christian, b. Comfort	0
Hale, c. P. Garrett, b. Comfort	1
Felt, c. Comfort, b. Pitter	0
Pretz, b. Comfort	4
Holland, c. Harnwell, b. Comfort	0
Pearlman, b. Pitter	1
Bissell, c. Richie, b. Comfort	0
Griffith, not out	0
Extras	2
Total	34

BOWLING ANALYSIS

	R.	W.	Ave.
Comfort	15	6	2.5
Pitter	17	4	4.3

Haverford, 1 ; Centennial, 116

(Game unfinished on account of rain)

May 24, 1924**Haverford**

P. Garrett, not out	1
Total	1

Centennial

A. Hill, b. Pitter	2
N. White, b. Pitter	1
H. Ashworth, c. and b. Haines	30
E. Briggs, b. Pitter	0
J. Brigham, b. Pittter	55
A. Hay, run out	5
F. Otley, b. Pitter	7
N. Hardcastle, b. Comfort	7
F. Warner, c. P. Garrett, b. Pitter	0
T. More, b. Comfort	3
A. Hay, Jr., not out	0
Total	110

BOWLING ANALYSIS

	R.	W.	Ave.
Comfort	39	2	19.5
Pitter	45	6	7.5
Gordy	13	0	—
Haines	14	1	14

Haverford, 75 ; Ardmore C. C., 25**May 28, 1924****Haverford**

E. Gordy, stumped Cowpe, b. Grimdich	0
F. Cook, b. Grimdich	3

HAVERFORD COLLEGE

67

P. Garrett, run out	2
T. Garrett, b. Tattersall	4
R. Richie, c. Pitter, b. Grimdich	1
H. Comfort, b. Tattersall	2
M. Haines, not out	33
J. Silver, not out	27
J. F. Blair, no bat	—
W. Stokes, no bat	—
O. Pitter, no bat	—
Extras	3
<hr/>	
Total	75

Ardmore

Tattersall, c. Silver, b. Comfort	1
Taylor, c. Richie, b. Pitter	12
Dugdale, c. Silver, b. Pitter	4
Miller, b. Pitter	1
Grimdich, c. Harnwell, b. Comfort	4
Fritz, b. Comfort	0
Palmer, b. Comfort	0
Cowpe, b. Comfort	0
Swallow, run out	3
Darrin, not out	0
<hr/>	
Total	25

BOWLING ANALYSIS

	R.	W.	Ave.
Comfort	12	5	2.4
Pitter	13	4	3.25

Haverford, 334; Ardmore C. C., 46

May 30, 1924

Haverford

E. Gordy, b. Grimdich	2
P. Garrett, c. Flay, b. Grimdich	12
J. Silver, c. A. Silver, b. Wiles	47
H. Comfort, b. Wiles	6
M. Haines, b. Dugdale	50

T. Garrett, b. Wiles	25
R. Richie, b. Grimdich	52
O. Pitter, c. and b. Dugdale	41
W. Stokes, b. Grimdich	22
J. F. Blair, not out	48
G. Harnwell, no bat	—
Extras	39
<hr/>	
Total	344

Ardmore

Tattersall, b. Pitter	5
Wiles, c. P. Garrett, b. Comfort	21
Greenald, b. Pitter	0
Dugdale, b. Comfort	6
Grimdich, c. Comfort, b. Pitter	7
Flay, c. Pitter, b. Comfort	5
Palmer, not out	1
Extras	1
<hr/>	
Total	46

Haverford, 210; Merion C. C., 204

June 7, 1924

Haverford

E. Gordy, b. J. M. Crosman	0
J. Silver, b. J. M. Crosman	5
T. Garrett, l.b.w. Thomas	5
P. Garrett, b. Thorpe	20
M. C. Haines, b. J. M. Crosman	2
H. Comfort, not out	139
R. Richie, c. J. M. Crosman, b. Thorpe	15
O. Pitter, c. E. N. Crosman, b. Thorpe	0
J. F. Blair, c. J. M. Crosman, b. Thorpe	2
W. Stokes, c. E. N. Crosman, b. Thorpe	1
G. Harnwell, not out	9
Extras	12
<hr/>	
Total	210

Merion

J. M. Crosman, c. P. Garrett, b. Comfort	4
E. N. Crosman, c. Richie, b. Pitter	43
A. L. Castle, b. Gordy	17
J. H. V. Thomas, b. Pitter	27
C. C. Callaghan, run out	8
E. Thorpe, c. Richie, b. Comfort	22
W. Marston, c. Harnwell, b. Haines	59
J. Hoag, b. Comfort	5
J. B. Clement, not out	3
J. Fritz, not out	1
Extras	15
Total	204

BOWLING ANALYSIS

	R.	W.	Ave.
Comfort	65	3	21.6
Pitter	83	2	41.5
Gordy	31	1	31
Haines	10	1	10

Cope Prize Bat

<i>Year</i>	<i>Name</i>	<i>Class</i>	<i>Aver.</i>
1877—	E. T. COMFORT	'78	18.83
1878—	E. T. COMFORT	'78	10.03
1879—	SAMUEL MASON	'80	14.
1880—	SAMUEL MASON	'80	17.57
1881—	T. N. WINSLOW	'81	12.5
1882—	G. B. SHOEMAKER	'83	9.6
1883—	W. F. PRICE	'81	11.88
1884—	SAMUEL BETTLE	'85	17.25
1885—	SAMUEL BETTLE	'85	23.
1886—	G. S. PATTERSON	'88	32.8
1887—	A. G. GARRETT	'87	35.66
1888—	T. E. HILLES	'88	9.6
1889—	R. L. MARTIN	'92	13.
1890—	C. H. BURR, JR.	'89	19.14
1891—	J. W. MUIR	'92	38.5

<i>Year</i>	<i>Name</i>	<i>Class</i>	<i>Aver.</i>
1892—	J. W. MUIR	'92	26.25
1893—	J. A. LESTER	'96	100.5
1894—	J. A. LESTER	'96	62.2
1895—	J. A. LESTER	'96	48.83
1896—	J. A. LESTER	'96	41.1
1897—	C. G. TATNALL	'97	9.85
1898—	T. WISTAR	'98	21.75
1899—	F. C. SHARPLESS	'00	26.
1900—	F. C. SHARPLESS	'04	21.89
1901—	C. C. MORRIS	'04	21.89
1902—	C. C. MORRIS	'04	35.29
1903—	C. C. MORRIS	'04	31.29
1904—	W. P. BONBRIGHT	'04	31.29
1905—	R. L. PEARSON	'05	37.
1906—	A. T. LOWRY	'05	25.8
1907—	A. W. HUTTON	'10	31.6
1908—	A. W. HUTTON	'10	19.5
1909—	H. A. FURNESS	'10	47.4
1910—	H. A. FURNESS	'10	66.
1911—	H. G. TAYLOR, JR.	'11	28.33
1912—	L. V. THOMAS	'14	21.3
1913—	S. E. STOKES	'14	24.55
1914—	S. E. STOKES	'14	45.8
1915—	J. M. CROSMAN	'18	27.7
1916—	J. M. CROSMAN	'18	—
1917—	Not Awarded.		
1918—	J. D. BARLOW	'19	26.2
1919—	J. M. CROSMAN	'18	44.4
1920—	A. M. ABELE	'21	31.
1921—	J. E. ROGERS	'21	—
1922—	C. M. SNADER	'22	—
1923—	T. M. LOGAN	'23	—

Congdon Prize Ball

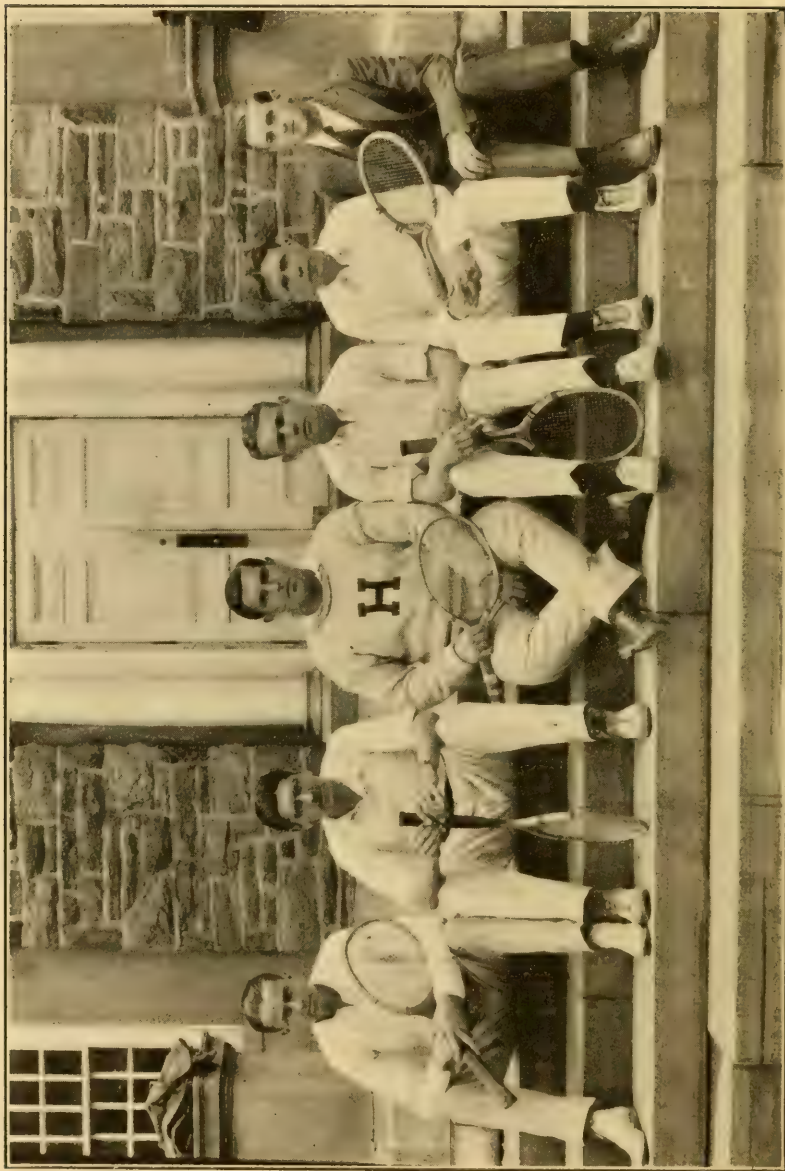
1877—	J. M. W. THOMAS	'78	1.11
1878—	E. T. COMFORT	'78	6.47
1879—	W. C. LOWRY	'79	5.81
1880—	B. V. THOMAS	'83	5.78
1881—	W. L. BAILY	'83	5.31

1882—A. C. CRAIG	'84	4.30
1883—W. L. BAILY	'83	8.00
1885—W. F. HILLES	'85	4.50
1886—A. C. GARRETT	'87	8.25
1887—J. W. SHARPE, JR.	'88	7.68
1888—H. P. BAILY	'90	5.47
1889—H. P. BAILY	'90	5.86
1890—H. P. BAILY	'90	6.50
1891—D. H. BLAIR	'91	17.50
1892—JOHN ROBERTS	'93	7.33
1893—JOHN ROBERTS	'93	7.90
1894—A. P. MORRIS	'95	5.97
1895—A. P. MORRIS	'95	6.46
1896—J. A. LESTER	'96	6.19
1897—R. S. WENDELL	'00	8.25
1898—L. W. DEMOTTE	'01	5.22
1899—W. S. HINCHMAN	'00	9.40
1900—L. W. DEMOTTE	'01	6.
1901—L. W. DEMOTTE	'01	8.13
1902—N. A. SCOTT	'02	10.92
1903—H. PLEASANTS, JR.	'06	7.49
1904—F. D. GODLEY	'07	4.83
1905—H. PLEASANTS, JR.	'06	7.47
1906—F. D. GODLEY	'07	8.47
1907—J. B. CLEMENT, JR.	'08	8.2
1908—J. C. THOMAS	'08	7.46
1909—H. HOWSON	'12	8.66
1910—L. R. THOMAS	'13	7.1
1911—W. D. HARTSHORNE, JR.	'11	9.4
1912—J. K. GARRIGUES	'14	10.45
1913—W. C. BRINTON	'15	12.2
1914—W. C. BRINTON	'15	8.6
1915—W. C. BRINTON	'15	10.2
1916—A. D. OLIVER	'19	8.6
1917—Not Awarded.		
1918—E. H. THORPE	'19	9.6
1919—E. H. THORPE	'19	8.5
1920—S. N. EWAN, JR.	'21	10.8
1921—S. N. EWAN, JR.	'21	7.3
1922—T. M. LOGAN	'23	—
1923—T. M. LOGAN	'23	—

Haines Prize Fielding Belt

1876—C. S. CROSMAN.....'78	1900—W. V. DENNIS.....'02
1877—A. L. BAILY.....'78	1901—C. C. MORRIS '04
1878—J. E. SHEPPARD.....'79	1902—A. C. WOOD, JR.....'02
1879—A. P. CORBITT.....'80	1903—J. B. DRINKER.....'03
1880—W. F. PRICE.....'81	1904—H. H. MORRIS.....'04
1881—B. V. THOMAS.....'83	1905—A. T. LOWRY.....'06
1882—S. B. SHOEMAKER....'83	1906—H. W. DOUGHTEN, JR.'06
1883—W. L. BAILY.....'83	1907—J. P. MAGILL.....'07
1884—W. S. HILLES.....'85	1908—E. A. EDWARDS.....'08
1885—W. F. PRICE.....'81	1909—H. A. FURNESS.....'10
1886—J. W. SHARY, JR....'88	1910—H. A. FURNESS.....'10
1887—H. P. BAILY.....'90	1911—H. M. THOMAS, JR..'12
1888—C. H. BURR, JR.....'89	1912—H. W. SECKLE.....'14
1889—J. S. STOKES.....'86	1913—S. E. STOKES.....'14
1890—J. W. MUIR.....'90	1914—H. S. MILLER.....'14
1891—G. THOMAS, 3D.....'91	1915—J. E. SHIPLEY.....'16
1892—S. W. MORRIS.....'94	1916—J. E. SHIPLEY.....'16
1893—W. W. SUPPLEE.....'95	1917—Not awarded.
1894—F. P. RISTINE.....'91	1918—.....
1895—J. H. SCATTERGOOD... '96	1919—G. E. TOOGOOD.....'20
1896—A. G. SCATTERGOOD... '98	1920—C. A. OSLER.....'20
1897—A. G. SCATTERGOOD... '98	1921—J. J. BABB.....'21
1898—A. G. SCATTERGOOD... '98	1922—E. B. GRAVES.....'21
1899—W. S. HINCHMAN....'00	1923—H. COMFORT.....'24

DORIAN AND C. R. HINCHMAN PRIZE BAT.....C. M. SNADER, '22



Haverford College Tennis Team, 1923-24

Tennis Department

1924

Manager

J. F. REICH

Captain

EDWARD FOULKE

Assistant Managers

D. W. ELSEMAN

F. C. BARTON, JR.

C. H. JOHNSON

Team

E. FOULKE, '24

H. MARSHALL, '26

G. HOWGATE, '24

W. LESTER, '27

P. JOHNSON, '25

W. WEBSTER, '27

Schedule

		H.	Opp.
April 21.	Phila. College of Osteopathy (home)	6	2
April 30.	Stevens Institute of Technology (home) .	3	0
		Called—rain	
May 6.	Moravian College (away)	5	1
May 8.	Lafayette College (home)	Rain—no match	
May 14.	Phila. College of Osteopathy (home) ...	6	0
May 16.	Ursinus (home)	6	0
May 17.	Pennsylvania Military College (away) ..	6	0
May 22.	Rutgers University (away)	4	2
May 24.	Preliminary rounds of Middle Atlantic States Collegiate Athletic Conference Tournament (home)	2	men in semi-finals
May 26.	Swarthmore College (away)	2	5
May 27.	Delaware University (home)	Rain—no match	
May 30, 31.	Final rounds of M. A. S. C. A. Tour- nament (Philadelphia)		
May 19.	University of Pennsylvania (home)	3	3
	(Practice match)		

Order in list indicates order of playing.

Haverford, 6; Phila. College of Osteopathy, 2**Haverford, April 21**

Fisher, Osteopathy, defeated Foulke, Haverford, 6-4, 6-3.
Johnson, Haverford, defeated Acton, Osteopathy, 6-2, 6-1.
Howgate, Haverford, defeated Dudley, Osteopathy, 8-6, 8-6.
Lester, Haverford, defeated Allen, Osteopathy, 6-1, 6-3.
Marshall, Haverford, defeated Herbst, Osteopathy, 8-6, 6-3.
Allen, Osteopathy, defeated Webster, Haverford, 6-4, 7-5.
Foulke and Johnson, Haverford, defeated Fisher and Herbst,
Osteopathy, 6-3, 9-7.
Howgate and Lester, Haverford, defeated Dudley and Acton,
Osteopathy, 6-3, 6-3.

Haverford, 3; Stevens, 0**Haverford, April 30**

Johnson, Haverford, defeated Byron, Stevens, 6-1, 6-2.
Foulke, Haverford, Pollock, Stevens, 4-6, 6-4 (draw).
Howgate, Haverford, defeated Drucklich, Stevens, 1-6, 7-5, 8-6.
Lester, Haverford, defeated Arkling, Stevens, 6-1, 6-0 (called on
account of rain).

Haverford, 5; Moravian, 1**Bethlehem, May 6**

Hoffman, Moravian, defeated Johnson, Haverford, 6-2, 6-0.
Foulke, Haverford, defeated Rogers, Moravian, 6-1, 6-4.
Marshall, Haverford, defeated Spaugh, Moravian, 4-6, 6-2, 6-2.
Lester, Haverford, defeated Michael, Moravian, 9-11, 6-4, 6-1.
Foulke and Johnson, Haverford, defeated Hoffman and Rogers,
Moravian, 6-1, 6-4.
Lester and Howgate, Haverford, defeated Spaugh and Morgan,
Moravian, 6-3, 6-1.

Haverford—Lafayette**Haverford, May 8**

(Match called on account of rain)

Haverford, 6; Osteopathy, 0

Haverford, May 14

Johnson, Haverford, defeated Herbst, Osteopathy, 6-3, 6-2.
Foulke, Haverford, defeated Sherman, Osteopathy, 6-4, 6-2.
Marshall, Haverford, defeated Gillis, Osteopathy, 6-0, 6-2.
Lester, Haverford, defeated Acton, Osteopathy, 6-3, 6-3.
Foulke and Johnson, Haverford, defeated Sherman and Herbst,
Osteopathy, 6-3, 7-5.
Lester and Howgate, Haverford, defeated Gillis and Acton, Osteopathy, 6-4, 6-4.

Haverford, 6; Ursinus, 0

Haverford, May 16

Marshall, Haverford, defeated Herber, Ursinus, 6-3, 6-4.
Foulke, Haverford, defeated Heiges, Ursinus, 6-1, 6-4.
Johnson, Haverford, defeated Reimert, Ursinus, 6-1, 6-1.
Lester, Haverford, defeated Gottschalk, Ursinus, 7-5, 6-4.
Foulke and Johnson, Haverford, defeated Herber and Heiges,
Ursinus, 6-0, 6-2.
Howgate and Lester, Haverford, defeated Reimert and Gottschalk, Ursinus, 6-1, 6-2.

Haverford, 6; P. M. C., 0

Chester, May 17

Foulke, Haverford, defeated Walton, P. M. C., 6-1, 6-1.
Johnson, Haverford, defeated Hunner, P. M. C., 4-6, 6-3, 6-3.
Marshall, Haverford, defeated Lyons, P. M. C., 9-7, 2-6, 6-4.
Lester, Haverford, defeated McCaffery, P. M. C., 5-7, 6-1, 6-4.
Marshall and Howgate, Haverford, defeated Walton and Hunner, P. M. C., 5-7, 6-1, 6-2.
Foulke and Johnson, Haverford, defeated Lyons and McCaffery,
P. M. C., 5-7, 6-1, 6-4.

Haverford, 4; Rutgers, 2**New Brunswick, May 22**

Gerno, Rutgers, defeated Johnson, Haverford, 6-4, 6-3.
Foulke, Haverford, defeated Boocock, Rutgers, 6-3, 6-2.
Marshall, Haverford, defeated Patterson, Rutgers, 6-4, 6-1.
Bliss, Rutgers, defeated Lester, Haverford, 6-1, 6-2.
Foulke and Johnson, Haverford, defeated Gerno and Boocock, Rutgers, 6-4, 6-3.
Marshall and Howgate, Haverford, defeated Bliss and Patterson, Rutgers, 6-2, 6-3.

Preliminary Rounds of M. A. S. C. A. Tournament**Haverford, May 24**

(Three men entered)

Foulke and Marshall are in the semi-finals. Johnson's match not finished on account of rain. Will be played later.

FIRST ROUND

Foulke, Haverford, defeated Dudley, Swarthmore, 6-2, 6-3.
Marshall, Haverford, Bye.
Johnson, Haverford, defeated McCaffery, P. M. C., 6-1, 6-4.

SECOND ROUND

Foulke, Haverford, defeated Gillum, Drexel, 6-2, 4-2 (rain stopped match). Gillum defaulted.
Marshall, Haverford, defeated Walker, Drexel, 6-1, 6-3.
Hodge, Swarthmore, defeated Johnson, Haverford, 6-4, 3-6, 8-6.

Haverford, 2; Swarthmore, 5**Swarthmore, May 26**

Seymore, Swarthmore, defeated Foulke, Haverford, 6-1, 6-3.
Hodge, Swarthmore, defeated Johnson, Haverford, 6-1, 6-3.
Marshall, Haverford, defeated Dudley, Swarthmore, 3-6, 6-2, 6-3.
Howgate, Haverford, defeated Maffet, Swarthmore, 6-1, 6-4.
Rust, Swarthmore, defeated Lester, Haverford, 6-2, 7-5.
Seymore and Hodge, Swarthmore, defeated Foulke and Johnson, Haverford, 6-3, 6-4.
Dudley and Rust, Swarthmore, defeated Marshall and Webster, Haverford, 6-4, 6-4.

Practice Match

Haverford, 3; Pennsylvania, 3

Haverford, May 19

Colburn, Pennsylvania, defeated Johnson, Haverford, 6-0, 7-5.

Foulke, Haverford, defeated Linglebach, Pennsylvania, 6-4, 1-6, 6-3.

Marshall, Haverford, defeated Stone, Pennsylvania, 5-7, 8-6, 7-5.

Ellis, Pennsylvania, defeated Lester, Haverford, 6-2, 4-6, 7-5.

Foulke and Johnson, Haverford, defeated Linglebach and Colburn, Pennsylvania, 4-6, 6-4, 6-4.

Ellis and Stone, Pennsylvania, defeated Howgate and Lester, Haverford, 9-7, 6-3.

Baseball Department

1924

The Team

Captain

RICHARD LONGSTRETH

Coach

THOS. McNAMARA

Manager

CHAS. H. FRAZIER, JR.

HOLLINGSHEAD	Pitcher
ARNOLD	Catcher, Second Base
BILLO	First Base
WILLEY	Second Base, Third Base
HEILMAN	Third Base, Catcher
YERKES	Shortstop
SAUNDERS	Outfield
GOTT	Outfield
LONGSTRETH	Outfield, Pitcher
ROEDEL	Outfield

Substitutes

SPARACINO	Outfield
ARMSTRONG	Infield
HEILMAN, H. R.	Infield
VANSANT	Infield
HALSTEAD	Catcher
HUELLE	Pitcher
WAGNER	Pitcher
MAGUIRE	Pitcher

Schedule

Apr. 16.	Drexel—Away.
Apr. 19.	Wesleyan—Home.
Apr. 23.	Princeton—Away.
Apr. 26.	Delaware—Home.
Apr. 30.	Army—Away.
May 3.	Drexel—Home.
May 7.	Osteopathy—Home.



HAVERFORD COLLEGE BASEBALL TEAM, 1923-24

May 10. F. and M.—Away.
 May 14. Ursinus—Home.
 May 20. St. Joseph's—Home (rain).
 May 24. Swarthmore—Home.
 June 7. Delaware (Away).

Haverford, 2; Drexel, 5**Haverford**

	ab	r	h	o	a	e
Yerkes, ss	5	0	0	5	3	0
Wiley, 2b	5	1	2	0	1	1
Billo, 1b	4	0	2	12	0	1
Arnold, c	5	0	0	3	1	1
Longstreth, cf	4	0	0	3	0	0
Sparacino, rf	3	0	0	1	0	0
Gott, lf	3	0	2	0	0	0
Vasant, rf	1	0	0	0	0	0
Roedel, rf	0	0	0	0	0	0
Heilman, 3b	3	0	1	0	4	0
Hollingshead, p	3	1	0	0	2	1
	—	—	—	—	—	—
Totals	36	2	7	24	11	4

Drexel

	ab	r	h	o	a	e
Foley, lf	4	1	0	0	1	1
Sukin, c	2	0	0	6	1	0
Shock, 2b	4	0	0	2	2	2
O'Neil, ss	4	0	0	2	2	1
Jones, 3b	4	2	2	0	0	1
Hagan, 1b	4	1	0	11	0	1
Roberts, rf	3	0	0	2	0	0
Pla, cf	3	1	0	0	0	0
Metzger, p	3	0	2	0	8	0
	—	—	—	—	—	—
Totals	31	5	4	27	14	6

Two-base hit—Jones. Earned runs—Drexel, 2; Haverford, 2.
 Double plays—Billo; Heilman to Arnold to Billo; Shock to

O'Neil to Hagan. Struck out—By Hollingshead, 2; by Metzger, 4. Bases on balls—Off Hollingshead, 3; off Metzger, 3. Left on bases—Haverford, 12; Drexel, 4. Umpire—Barker. Time of game—2 hours 5 minutes.

Haverford, 1; Wesleyan, 8

Haverford

	ab	r	h	o	a	e
Billo, 1b	4	0	0	10	1	1
Yerkes, ss	3	0	1	2	4	2
Willey, 2b	3	0	0	2	2	2
Vasant, 2b	1	0	0	0	0	0
Arnold, c	3	0	2	3	1	0
Longstreth, cf	3	1	0	1	1	0
Gott, lf	3	0	1	4	0	0
Sparacino, rf	2	0	0	0	0	0
Roedel, rf	0	0	0	1	0	0
Heilman, 3b	3	0	1	1	1	1
Hollingshead, p	0	0	0	0	1	0
Wilbur, p	1	0	0	0	2	0
Huelle, p	1	0	0	0	0	0
Totals	27	1	5	24	13	6

Wesleyan

	ab	r	h	o	a	e
Fricke, ss	4	2	2	1	2	0
Howarth, cf	4	1	1	1	0	0
Wielland, 3b	3	3	1	2	2	0
Jacobs, 1b	5	1	1	13	0	1
Reynolds, rf	4	0	1	1	0	0
Sutton, rf	1	0	0	0	0	0
Umpleby, 2b	2	1	0	0	3	0
Childress, lf	5	0	0	0	0	0
Howard, c	2	0	0	5	2	0
Lotzpeich, p	3	0	2	1	6	0
Totals	33	8	8	24	15	1

Two-base hits—Fricke, 2; Reynolds, Lotzpeich, Arnold. Earned runs—Wesleyan, 4; Haverford, 1. Stolen bases—Howarth, 2; Wielland, 3; Jacobs, 2; Umpleby, Howard, Longstreth. Sacrifice hits—Howarth, Howard, Hollingshead. Double plays—Umpleby to Fricke to Jacobs, Willey to Yerkes to Billo. Left on bases—Haverford, 5; Wesleyan, 11. Struck out—By Hollingshead, 2; by Lotzpeich, 4. Bases on balls—Off Hollingshead, 8; off Lotzpeich, 1. Hit by pitcher—By Hollingshead, 1; by Lotzpeich, 1. Passed balls—Arnold, 2; Howard, 1. Umpires—Porter and Merriman. Time of game—2.30.

Haverford, 4; Princeton, 23

Haverford

	ab	r	h	o	a	e
Yerkes, ss	4	0	2	1	5	1
Willey, 2b	3	1	0	1	3	1
Longstreth, cf, lf	3	1	0	3	0	2
Arnold, c	2	0	0	2	0	2
Billo, 1b	2	0	1	12	0	1
Gott, lf	1	0	0	1	0	3
Sparacino, rf	1	0	0	0	0	0
Heilman, 3b	3	0	0	0	4	2
Roedel, rf, cf	2	1	0	1	0	1
Hollingshead, p	2	0	0	0	1	0
Huelle, p	0	1	0	0	0	0
Wagner, p	0	0	0	0	0	0
Maguire, p	1	0	0	0	1	0
Totals	24	4	3	21	14	13

Princeton

	ab	r	h	o	a	e
Anderson, rf	6	4	5	1	1	0
Dinsmore, 3b	6	0	1	2	1	1
Cooper, 2b	5	3	5	3	3	1
Smith, cf	6	2	0	0	0	0
Turner, lf	5	4	3	1	0	1
Richards, ss	6	2	2	1	3	0
Dignan, 1b	5	4	4	8	0	0

Burgess, c	4	1	1	8	0	1
Sommers, p	2	0	0	0	3	0
Townsend, p	1	1	0	0	0	0
Cutting, p	1	2	1	0	2	0
	—	—	—	—	—	—
Totals	47	23	22	24	13	4

Two-base hits—Anderson, 3; Dinsmore. Three-base hits—Townsend. Home run—Turner. Earned runs—Princeton, 14; Haverford, 3. Stolen bases—Dinsmore, Dignan, 2; Heilman. Sacrifice hits—Burgess, Longstreth, Arnold. Left on bases—Princeton, 9; Haverford, 8. Double plays—Richards to Cooper to Dignan. Struck out—By Sommers, 2; by Townsend, 2; by Cutting, 4; by Hollingshead, 2. Bases on ball—Off Sommers, 4; off Townsend, 1; off Cutting, 4; off Huelle, 1. Hit by pitched ball—By Hollingshead, 1; by Huelle, 3. Passed balls—Arnold, 3; Burgess, 1. Umpires—Rudderham and Hart. Time of Game—2.30.

Haverford, 1; Delaware, 8

Haverford

	ab	r	h	o	a	e
Yerkes, ss	4	1	2	1	2	0
Wiley, 2b	5	0	1	1	1	0
Longstreth, lf	4	0	0	3	1	0
Arnold, cf, c	4	0	3	8	0	0
Billo, 1b	4	0	2	12	0	0
Saunders, rf	4	0	1	2	0	0
Heilman, 3b	4	0	1	0	2	1
Halstead, c	0	0	0	0	0	1
Roedel, cf	2	0	0	0	0	0
Hollingshead, p	3	0	0	0	4	2
Sparacino, cf	0	0	0	0	0	0
Vansant, cf	1	0	0	0	0	0
	—	—	—	—	—	—
Totals	35	1	10	27	10	4

Delaware

	ab	r	h	o	a	e
Mannix, cf	5	1	1	2	1	0
Williams, 1b	5	3	4	8	0	0
Chun, rf	6	1	2	1	0	0
Hoch, c	5	2	4	9	0	0
Underwood, ss	2	1	1	1	2	0
Murray, lf	4	0	1	1	0	0
Hunt, 2b	5	0	1	3	2	0
Gibson, 3b	5	0	0	2	0	0
Pryor, p	5	0	1	0	3	0
Totals	42	8	15	27	8	0

Two-base hits—Williams, 2; Billo. Earned runs—Delaware, 8, Haverford, 1. Stolen bases—Hoch. Sacrifice hits—Underwood, Longstreth. Left on bases—Delaware, 14; Haverford, 10. Double plays—Longstreth to Arnold, Mannox to Williams. Struck out—By Hollingshead, 7; by Pryor, 7. Bases on balls—Off Pryor, 2; off Hollingshead, 6. Hit by pitcher—by Pryor, Yerkes. Passed balls—Arnold, 1. Umpire—Sweetland. Time of game—2.30.

Haverford, 1; Army, 10

Haverford

	ab	r	h	o	a	e
Yerkes, ss	2	0	0	0	1	1
Wiley, 2b	3	0	0	1	1	0
Longstreth, p	2	1	1	0	0	1
Arnold, c	2	0	1	1	2	1
Billo, 1b	2	0	0	4	0	0
Saunders, lf	2	0	0	2	0	1
Heilman, 3b	2	0	1	2	1	1
Wood, rf	0	0	0	0	0	3
Sparacino, rf	2	0	0	0	0	0
Roedel, cf	0	0	0	0	0	2
Gott, cf	1	0	0	2	0	0
Totals	18	1	3	12	5	10

Army

	ab	r	h	o	a	e
Smythe, cf	3	3	3	1	1	0
Dasher, 1b	3	1	1	8	0	0
Browning, 2b	3	2	2	2	2	1
Storck, 3b	3	1	1	1	0	1
Roosma, rf	3	2	0	0	0	0
Wood, lf	3	1	0	0	0	0
Bingham, ss	2	0	0	0	1	0
Ellinger, c	2	0	1	3	1	0
Merkle, p	2	0	0	0	4	0
	—	—	—	—	—	—
Totals	24	10	8	15	9	2

Two-base hit—Browning. Three-base hit—Smythe. Home run—Storck. Earned runs—Army, 3. Stolen bases—Smythe, Wood, Bingham. Left on bases—Army, 3; Haverford, 3. Struck out—By Longstreth, 1; by Merkle, 3. Bases on balls—Off Longstreth, 1; off Merkle, 1. Umpires—Marshall and Troutz.

Haverford, 6; Drexel, 5

Haverford

	ab	r	h	o	a	e
Yerkes, ss	1	2	0	3	4	0
Willey, 2b	4	0	2	2	1	0
Longstreth, cf	5	1	2	1	0	1
Arnold, c	3	1	0	12	2	0
Billo, 1b	3	0	1	5	0	0
Saunders, lf	4	0	1	1	0	2
Gott, rf	4	0	1	0	0	0
Heilman, 3b	2	1	0	3	2	0
Hollingshead, p	3	1	1	0	0	0
	—	—	—	—	—	—
Totals	29	6	8	27	9	3

Drexel

	ab	r	h	o	a	e
Foley, lf	3	0	0	1	1	0
Sukin, c	4	0	1	4	2	1
Shock, rf	5	1	1	1	0	0
Roberts, cf	4	1	1	1	0	0
Jones, 3b	3	1	0	1	2	0
Hagan, 1b	3	1	0	1	2	0
DeBoyrie, 2b	3	1	1	3	0	0
Pla, ss	4	0	3	2	2	0
Metzger, p	4	0	1	0	6	0
Totals	33	5	8	14	15	1

Two-base hits—Pla, 2; Billo, Willey. Home run—Longstreth. Earned runs—Haverford, 6; Drexel, 4. Stolen bases—Hagan, 2; Pla. Sacrifice hits—Willey, Heilman. Left on bases—Haverford, 8; Drexel, 8. Struck out—By Hollingshead, 11; by Metzger, 5. Bases on balls—Off Hollingshead, 7; off Metzger, 7. Hit by pitcher—By Metzger, Heilman. Passed balls—Sukin. Umpires—McLaughlin and Sweetland.

Haverford, 2; Osteopathy, 7**Haverford**

	ab	r	h	o	a	e
Yerkes, ss	3	0	0	2	2	1
Willey, 2b	3	0	0	3	2	0
Longstreth, cf, p	4	1	1	1	2	0
Arnold, c	4	0	0	10	0	1
Billo, 1b	4	0	1	8	0	0
Saunders, lf	4	0	1	0	0	0
Gott, rf, cf	4	0	1	1	0	0
Heilman, 3b	3	1	0	0	5	2
Hollingshead, p	1	0	0	0	3	0
Roedel, rf	1	0	0	2	0	0
Sparacino, rf	1	0	0	0	0	0
Totals	32	2	4	27	14	4

Osteopathy

	ab	r	h	o	a	e
Shaw, ss	6	2	3	1	2	1
McHenry, 2b	5	2	4	0	4	0
Gibbs, cf	5	1	2	2	0	0
Donovan, c	5	0	2	7	1	1
Arnidon, 1b	5	0	1	10	1	2
Tucker, lf	3	0	0	1	0	0
Grinold, 3b	4	0	0	4	1	0
Ross, rf	5	1	1	1	0	0
Gerlack, p	4	1	1	0	3	0
Totals	42	7	14	27	12	4

Two-base hits—McHenry, Longstreth, Billo. Three-base hit—Gerlack. Earned runs—Osteopathy, 7; Haverford, 1. Stolen bases—Shaw, Donovan. Sacrifice hit—Willey. Left on bases—Osteopathy, 11; Haverford, 5. Struck out—By Hollingshead, 1; by Longstreth, 6; by Gerlack, 6. Bases on balls—Off Longstreth, 4; off Gerlack, 1. Balk—Longstreth. Passed balls—Arnold, 2. Umpires—McLaughlin and Sweetland.

Haverford, 0; Franklin and Marshall, 1

(Eleven innings)

Haverford

	ab	r	h	o	a	e
Yerkes, ss	5	0	0	4	2	3
Willey, 3b	5	0	1	0	3	0
Billo, 1b	5	0	3	15	0	0
Longstreth, rf	5	0	1	0	0	0
Saunders, lf	5	0	1	3	0	0
Gott, cf	5	0	2	4	0	0
Heilman, H. R., 2b	2	0	0	0	1	3
Armstrong, 2b	3	0	0	1	0	0
Heilman, W. M., c	4	0	0	4	0	0
Hollingshead, p	4	0	1	0	4	0
Totals	43	0	9	*31	10	6

*One out when winning run was scored.

Franklin and Marshall

	ab	r	h	o	a	e
Yohn, cf	5	0	2	2	0	0
Rumbaugh, 2b	5	0	1	4	1	0
Cragin, J., ss	5	1	0	1	2	1
Cragin, D., 1b	5	0	0	4	0	0
Fessler, lf	5	0	1	2	0	0
Christman, rf	2	0	0	1	0	1
Smith, rf	2	0	0	0	0	1
Murphy, 3b	4	0	1	0	2	0
Messick, c	4	0	1	18	1	0
Polack, p	4	0	0	1	0	0
Totals	41	1	6	33	6	3

Two-base hit—Murphy. Stolen bases—Yohn, Murphy, Messick. Left on bases—Haverford, 10; F. and M., 9. Struck out—By Polack, 16; by Hollingshead, 4. Double play—Billo, unassisted. Umpire—Simmons. Time of game, 2.20.

Haverford, 1; Ursinus, 7

Haverford

	ab	r	h	o	a	e
Yerkes, ss	3	1	1	1	1	0
Wiley, 2b	4	0	1	3	3	1
Billo, 1b	4	0	2	14	0	3
Longstreth, lf	3	0	1	0	0	0
Heilman, c	4	0	0	5	0	1
Gott, cf	2	0	0	0	0	1
Sparacino, cf	1	0	0	0	0	0
Roedel, rf	2	0	1	4	0	0
Fowler, 3b	1	0	0	1	1	1
Van Sant, 3b	2	0	1	0	1	1
Hollingshead, p	3	0	0	0	3	0
*Armstrong	1	0	0	0	0	0
Totals	30	1	7	27	9	8

*Batted for Van Sant in ninth.

Ursinus

	ab	r	h	o	a	e
Flitter, rf	5	0	1	1	0	0
Wismer, 3b	5	1	1	2	1	0
High, c	4	1	3	3	3	0
Faye, ss	3	1	2	3	5	0
Corson, lf	5	1	1	3	0	0
Lonx, cf	4	0	0	0	0	0
Jones, cf	1	0	0	0	0	0
Clark, 1b	5	2	2	11	1	0
Kern, 2b	4	0	0	3	0	0
Wood, p	3	1	1	1	5	0
Totals	39	7	11	27	15	0

Two-base hits—Flitter, Corson, Clark, Wood. Earned runs—Ursinus, 2; Haverford, 1. Stolen bases—High, Faye. Sacrifice hits—High, Faye, Kern, Yerkes, Longstreth. Left on bases—Ursinus, 10; Haverford, 8. Struck out—By Wood, 2; by Hollingshead, 4. Bases on Balls—Off Hollingshead, 1; off Wood, 2. Hit by pitched ball—By Wood, Willey, Roedel. Passed balls—Heilman. Wild pitch—Wood. Umpires—Burton and Sweetland.

Haverford vs. St. Joseph's, postponed, rain

Haverford, 2; Swarthmore, 7

Haverford

	ab	r	h	o	a	e
Yerkes, ss	3	0	0	2	5	1
Willey, 3b	2	0	0	1	0	0
Longstreth, rf	2	1	1	2	0	1
Billo, 1b	2	1	1	6	0	0
Arnold, 2b	2	0	1	1	2	0
Saunders, lf	2	0	0	1	0	0
Gott, cf	2	0	0	1	0	1
Heilman, c	2	0	0	0	0	1
Hollingshead, p	2	0	0	0	0	1
Totals	19	2	3	*14	7	5

*Carr out for interference.

Swarthmore

	ab	r	h	o	a	e
Lippincott, rf	3	2	1	1	0	0
Dotterer, 2b	3	1	1	2	0	0
Hayes, cf	2	2	1	0	0	0
Fix, lf	2	0	1	0	0	0
Ogden, 3b	3	0	0	1	0	0
Neeley, c	3	1	1	10	0	0
Shane, ss	2	0	1	0	0	0
Carr, 1b	3	0	1	1	0	0
Bartlett, p	2	1	1	0	1	0
Totals	23	7	8	15	1	0

Two-base hits—Billo, Lippincott, Bartlett. Home run—Longstreth. Earned runs—Swarthmore, 3; Haverford, 2. Stolen bases—Dotterer, Hayes. Left on bases—Swarthmore, 6; Haverford, 2. Struck out—By Bartlett, 10. Bases on balls—Off Bartlett, 1; off Hollingshead, 4. Passed ball—Heilman. Umpires—Shewell and McLaughlin.

Haverford, 9; St. Joseph's, 4**Haverford**

	ab	r	h	o	a	e
Yerkes, ss	4	2	3	5	2	2
Willey, 3b	5	1	1	2	2	1
Longstreth, rf, 2b	4	1	2	3	3	0
Billo, 1b	4	2	1	11	0	1
Arnold, 2b, rf	4	0	1	1	1	1
Saunders, lf	4	0	1	1	0	0
Gott, cf	3	0	0	0	0	0
Roedel, cf	1	0	0	2	0	0
Heilman, c	4	2	2	3	3	1
Hollingshead, p	3	1	0	0	1	0
Totals	36	9	11	28	12	6

St. Joseph's

	ab	r	h	o	a	e
Dareff, rf	3	0	0	3	0	0
Collins, 3b, ss	5	0	2	2	2	0
Ward, cf, 3b	5	0	0	2	0	0
Gannon, 1b	5	1	2	7	0	1
Dougherty, lf	2	1	1	2	0	0
Noonen, ss	3	1	1	1	1	3
McDonald, cf	1	0	0	1	0	0
Hayes, 2b	4	1	0	2	1	0
Currie, c	3	0	1	4	0	0
McNicholas, p	4	0	0	0	3	0
Totals	35	4	7	24	7	3

Two-base hit—Longstreth. Home run—Longstreth. Earned runs—Haverford, 7; St. Joseph's, 1. Sacrifice hits—Yerkes, Hollingshead. Left on bases—Haverford, 5; St. Joseph's, 12. Double plays—Heilman to Billo. Struck out—By Hollingshead, 3; by McNicholas, 4. Bases on balls—Off Hollingshead, 6; off McNicholas, 0. Hit by pitcher—Dougherty, by Hollingshead. Passed balls—Heilman, 1. Time of game—1.45. Umpires—Shewell and Sweetland.

Batting Averages

	ab	r	h	sb	sh	av
Billo	40	3	14	0	0	.350
Arnold	29	1	8	0	1	.275
Gott	28	0	7	1	0	.250
Yerkes	37	6	9	0	2	.243
Longstreth	38	7	9	1	4	.236
Saunders	25	0	5	0	0	.200
Wiley	42	3	8	0	2	.190
Heilman	36	4	6	1	1	.167
Roedel	8	1	1	0	0	.125
Hollingshead	24	3	2	0	2	.084
Team	333	29	70	3	12	.210

Fielding Averages

	c	o	a	e	av
Billo	117	109	1	7	.940
Arnold	61	47	9	5	.918
Willey	40	15	20	5	.875
Yerkes	69	26	37	11	.836
Heilman	53	22	22	9	.830
Longstreth	29	17	7	5	.828
Hollingshead	23	0	19	4	.826
Roedel	15	12	0	3	.800
Saunders	13	10	0	3	.770
Gott	18	13	0	5	.721

